

# SOUTHERN TEXTILE BULLETIN

VOL. XIII.

CHARLOTTE, N. C., THURSDAY, JUNE 7, 1917

NUMBER 15

## VICTOR MILL STARCH—THE WEAVER'S FRIEND



THE HOME OF VICTOR MILL STARCH

Why worry about **POTATO STARCH** when **VICTOR MILL STARCH** will give as good results as Potato Starch on warps of any numbers, from 6s to 100s.

It boils thin—penetrates the warps—increases breaking strength and carries the weight into the cloth. Being thoroughly washed free of gluten and other foreign matter, it gives a bleach and finish to the cloth that you can get from no other starch.

A trial order will convince you that **VICTOR STARCH** has no equal in the market.

## THE KEEVER STARCH COMPANY

COLUMBUS, OHIO

SOUTHERN AGENT  
JAS. H. MAXWELL, GREENVILLE, S. C.

TRAVELING REPRESENTATIVE  
J. J. ILER, GREENVILLE, S. C.

## DUTCHER TEMPLES

Trade-Mark Reg. U. S. Pat. Off.

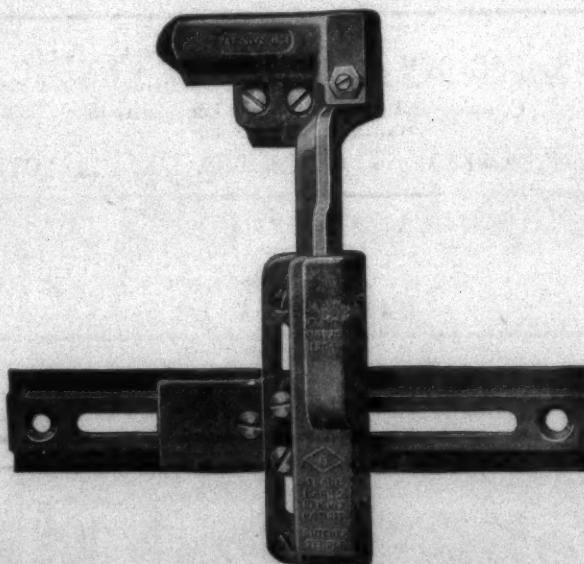
## DRAPER CORPORATION

SOLE MANUFACTURERS

Hopedale, Massachusetts

Southern Office

188 So. Forsyth Street Atlanta Georgia



## National Aniline & Chemical Co.

MAIN OFFICE  
100 WILLIAM STREET, NEW YORK



Southern Agent, John L. Dabbs  
Commercial National Bank Building  
CHARLOTTE, N. C.

MANUFACTURERS OF

Sulphur Black	
Direct Black	Direct Blue
Direct Red	Direct Yellow
Direct Brown	Direct Green
and Other Direct Colors	

Also Acid Colors, Basic Colors, Etc.

Works: SCHOELLKOPF ANILINE & CHEMICAL WORKS, Inc., Buffalo, N. Y.

We carry a full line of general supplies and make a specialty of equipping new mills

WE MANUFACTURE

Oak Tanned Leather	Loom Harness
Belting	Weaving Reeds
AMERICAN SUPPLY COMPANY	
PROVIDENCE, R. I.	

### Clark's Directory of Southern Textile Mills

Complete and accurate information relative to  
Southern Textile Mills

Pocket Size—Price, \$1.50

CLARK PUB. CO., CHARLOTTE, N. C.

## Dyestuffs for Olive Drab Army Cloth Cotton or Wool

Made in America by  
Consolidated Color and Chemical Co.  
NEWARK, N. J.

Meets Government Requirements for U. S. A.

H. A. Metz & Co., Inc.  
Selling Agents

122 Hudson Street

New York City

The Greatest Improvement Made in  
Cotton Spinning in Quarter of a  
Century

## The Richards-Hinds Light Running Rolls

Over 500,000 Spindles Equipped to Date  
Guaranteed Claims.

Cockley Yarn Preventor

Less Change of Setting

Extra Strength of Yarn

Reduced Cost of Spinning

Less Waste

One-third Saved on Leather Covered Rolls

Greater Production

Better Spinning with Improved Produc

All machine builders are agents and **will quote prices for new work.** Also for prices and particulars write to

The Metallic Drawing Roll Company  
Indian Orchard, Mass.

DIXON LUBRICATING SADDLE CO.  
BRISTOL, RHODE ISLAND



Use Dixon Patent Stirrup Adjusting  
Saddles, the latest invention in Saddle  
for Top Rolls of Spinning Ma-  
chines. Manufacturers of all kinds of  
Saddles, Stirrups and Levers.

WRITE FOR SAMPLE

## Ashworth Brothers, Inc.

### Tempered and Side Ground Card Clothing

Tops Reclothed.

Lickerins Rewound.

Cotton Mill Machinery Repaired

12 to 18 West Fourth St., Charlotte, N. C.

240 River Street, Greenville, S. C.

127 Central Avenue, Atlanta, Ga.

# SOUTHERN TEXTILE BULLETIN

VOL. XIII.

CHARLOTTE, N. C., THURSDAY, JUNE 7, 1917

NUMBER 15

## *The Birmingham Meeting*

(Stenographer's Report.)

Meeting called to order by David Clark at 10:15 a. m., May 31st, 1917. Frank E. Heymer, Resident Agent, Alexander City Cotton Mill, and president of the Southern Textile Association was made chairman.

Mr. Clark: The object of the meeting is to discuss the best plans for the cotton mills to put in execution the Keating Bill and each superintendent present will be asked to give his ideas. We do not expect to solve the problem at this meeting but the object is to get practical men to give their experience and ideas as to how it is best to work spinners and doffers eight hours a day and while the remainder of the employees work 60 hours a week.

B. F. Nuttall, Cordova: It is our idea that after the first of September, we will take 14 to 16 year olds and work them 8 hours a day, allowing them time for the school room and the older ones doubling up on their work, for the other hours. It is our idea to have two sets of doffers.

M. T. Grimes, superintendent of Tallassee Mfg. Co.: Had not decided definitely how to work them but hope to get all doffers 16 years of age.

Marshall Dilling: Came for information, regret Mr. Hudson's (Alabama inspector) inability to be present. Think that posting hours children should work will conflict with Federal Law. Have no definite plan. Do not intend working any children under sixteen in carding or weaving. Will work boys under 16 in packing room. Girls under 16 used as helpers and cleaners 8 hours. Work doffers 1-2 day. Have two sets under 16, work one morning and the other in the afternoon.

Mr. Heymer: I think State Factory Inspector will make rule of the posting of hours to conform with Federal law.

F. O. Tyler, Anniston Mfg. Co.: Children 14 to 16 in spinning room, doffers over 16 years and intend to made hours so all that are now working can work on as at present. Would like to know if time clocks can be used on doffers.

Mr. Clark: In Washington last week a prominent attorney stated that where a boy was subject to call it was counted as on duty. To work by time clock notice must be given boy when he shall come and when he shall go. However, no ruling has been made as yet by the Department concerning this.

B. F. Fisher, Huntsville: Plan

was to stretch spinners in the morning, in the afternoon bring spinners in from 14 to 16 and reduce regular help to allow new ones to do work. Make change at noon hour. In the spinning room alone 13 per cent of the help and 14 per cent of the total work will be effected.

B. W. Bingham: Figure on using two shifts, have been gathering up all possible to teach them. 50 per cent of spinning room are between 14 and 16 years of age.

B. J. Fisher: Out of the 37 applications from the employees of the Merrimack Mills for the Army and Navy, 90 per cent were accepted, showing fitness of the employees of the cotton mills.

H. Enloe: Take spinners under 16, put on at 6 a. m., with master spinners until 10:00, stay away until 2:00 then work to 6:00 p. m. 63 spinners under 16. Doffers nearly all over 16, same rule to apply to those under, as the spinners.

Z. H. Mangum, Avondale Mills: Expect to adopt the Newberry plan, which will enable us to employ all help not employed. Doffers paid by piece, only two under 16 and they will not be hurt as arrangements have been made to take care of them.

E. A. Thompson, Pell City: Do not know what they will do—will obey the law. Have not worked any one under 16 years of age in five years in either carding or weaving rooms.

Mr. Dilling: Find giving older spinners double work unsatisfactory. Have tried it out.

Mr. Grimes: Spinners can not run more than usual number of sides or they would demand it regularly.

Mr. Thatcher: We deal with fine yarns and advocate the Newberry plan and expect to try it out. Have tried to work doffers over 16 years and have done so with the exception of all but two sets. Our plan is to let smaller boys do spare spinning in order to teach them. Has seen this successfully done in Chattanooga at Thatcher Mill.

Mr. Clark: The Newberry plan has been abandoned, after being thoroughly tried out, by the Newberry Cotton Mills, as it will not work in coarse mills. The Orr Mills, Anderson, S. C., found it fairly satisfactory in the fine mills, but very impractical in the coarse ones.

J. A. Shinn, Sylacauga: We have three mills working 1,500 hands, about 75 under 16. The main thing is to take care of the children. Two

bunch all spinners under 16 years larger bobbins can and will be used. and put in one part of the mill and them, rather than how to give them get extra ones to relieve them. In work. fine mills intend to try Newberry plan. No test has been made but these plans have been worked successfully in Mississippi.

M. W. Darby, Florence, Ala.: No definite plan. Would like to run mill with all over 16, but are compelled to make way for the children, will get up enough children over 16 to take all the sides in the mill and run them with additional help to 14 to 16. The best solution of the problem is to give special attention to adjustment of machinery and put mill in such conditions that it will run with less labor or that the help then can do more toward stretching out the work.

Doffers—undecided. As to double shifts, it is a good idea if help can be gotten otherwise impractical.

W. B. Kitching, Montgomery: Only have six hands under 16, all in spinning room and intend to work them 1-2 day each.

J. A. Chapman, Talladega: Have already eliminated all under 16. Doffers, find older ones do better work; paid by piece system. As to spinners tried to eliminate those under 16, also but expect to use them in 6 hours shifts, giving them definite hours. Have two small mills.

Mr. A. A. Harris, Sycamore, Ala.: In spinning room have 16 operators between 14 and 16. Have planned to work them on 1-2 day shifts. Expect to take care of some spinners on winding. Doffers to be worked 1-2 day shift also. Will have to have two sets of doffers. 13 per cent are under 16 years of age.

Mr. Turnipseed, Anniston: Mr. Tyler voiced the sentiments of the mill I represent.

O. C. Bagley, Rock Mills: Have not decided on any definite plan. Would like to know what per cent of the laboring people will be satisfied with the stretching plan as the cotton labor is sensitive and my opinion mean that many will be in transit. Will have to get more machinery.

Mr. G. H. Jones, Selma: No definite plan—1-2 time shift best plan. The question is to take care of

Mr. Clark: I believe that one factor in the solution of the doffer problem will be the use of larger rings and thereby fewer doffs. Some say that large rings can not be used but they are being successfully used by many mills.

E. A. Thompson: I am glad to hear Mr. Clark bring out that point

Miss Grace Abbott, Director of the Children's Department of Labor: I have not come down to tell you how to operate your mills but the

rules and regulations will soon be available from the Labor Department giving the details of plans. I am interested in the stand taken and in your law-abiding sentiment and hope for a continuance of same. The cotton mills are not the only ones affected by the Child Labor Laws, there are 48 different Child Labor Laws, it is therefore necessary to have a cordial working basis and at any time you have a concrete question to ask, write the Department so that misunderstandings can be avoided.

The following is an almost complete list of the men who attended the meeting of the superintendents of Alabama cotton mills at the Tutwiler Hotel, Birmingham, Ala., on May 31st:

Bagley, O. C., Superintendent Wedadkee Yarn Mills, Rock Mills, Ala. Bingham, B. W., Superintendent Ozark Cotton Mill Co., Ozark, Ala. Carter, A. B., Southern Representative, Victor Shaw Ring Traveler Co., Greenville, S. C.

Darby, M. W., Superintendent Cherry Cotton Mills, Florence, Ala. Dilling, Marshall, Superintendent, Buck Creek Cotton Mills, Siluria, Ala.

Edmunds, J. T., Spinner, Pell City Mfg. Co., Pell City, Ala.

Enloe, H., Superintendent, W. A. Hadley Mfg. Co., Roanoke, Ala.

Fisher, B. J., Superintendent, Merrimack Mfg. Co., Huntsville, Ala.

Greet Jas. A., Southern Representative, Textile World Journal, Greenville, S. C.

Grimes, M. T., Superintendent, Tallassee Mills, Tallassee, Ala. Harris, A. A., Superintendent, Sycamore Mills, Sycamore, Ala.

Haslam, Geo. P., Treasurer, Coosa Mfg. Co., Piedmont, Ala.

Heymer, Frank E., Alexander City Cotton Mills, Alexander City, Ala.

Jones, G. H., Superintendent, Raybell Mfg. Co., Selma, Ala.

Kitching, W. B., Montala Mfg. Co., Montgomery, Ala.

Lohman, G. W., overseer of spinning, Merrimack Mfg. Co., Huntsville, Ala.

MacRae, Cameron, Arabol Mfg. Co., Charlotte, N. C.

Mangum, Z. H., Superintendent, Avondale Mills, Birmingham, Ala.

Marsh, G. T., Montgomery Cotton Mills, Montgomery, Ala.

Melchor, Guy L., Arabol Mfg. Co., Lang, E., Special Agent, Texas Co., Atlanta, Ga.  
 Richardson, N. C., Superintendent Lanier, L., Agent, West Point Mfg. Co., West Point, Ga.  
 Perkins Mill, Anniston, Ala.  
 Ruttall, B. F., Spinner, Indian Head Mills, Cordova, Ala.  
 Shinn, J. A., Superintendent, Central and Eva Jane Mills, Sylacauga, Ala.  
 Thatcher, R. C., Superintendent, Coosa Mfg. Co., Piedmont, Ala.  
 Thomason, L. W., N. Y. & N. J. Lubricant Co., Charlotte, N. C.  
 Thompson, E. A., Superintendent Pell City Mill, Pell City, Ala.  
 Thompson, F. M., Treasurer, Buck Creek Cotton Mills, Siluria, Ala.  
 Turnipseed, G. W., Superintendent, Anniston Mfg. Co., Anniston, Ala.  
 Tyler, F. O., Secretary, Anniston Mfg. Co., Anniston, Ala.

**Among Those Present at Atlanta.**  
 The following is an almost complete list of those who attended the meeting of Georgia cotton mill superintendents at Atlanta on May 30:  
 Abbott, Miss Grace, Children's Bureau, Department of Labor, Washington, D. C.  
 Bachman, John S., Superintendent, Anchor Duck Mill, Rome, Ga.  
 Ball, H. O., Superintendent, Pepper-ton Cotton Mill, Jackson, Ga.  
 Baugh, J. A., Jr., Superintendent, LaGrange Mill, LaGrange, Ga.  
 Brown, L. L., Superintendent, Swift Spinning Mills, Columbus, Ga.  
 Carroll, Jno. T., Superintendent, Whittier Mills Co., Chattahoochee, Ga.  
 Carter, A. B., Southern Representative, Victor Shaw Ring Traveler Co., Greenville, S. C.  
 Chappell, E., Howard & Bullough, Atlanta, Ga.  
 Culberson, A., Jr., Superintendent, Dixie Cotton Mills, LaGrange, Ga.  
 Davidson, H. O., Superintendent, Eagle & Henix Mills, Columbus, Ga.  
 Doughtie, C. E., Superintendent, Georgia Mfg. Co., Columbus, Ga.  
 Epps, W. H., Superintendent, Jefferson Mills, Jefferson, Ga.  
 Farr, J. P., overseer of spinning, Covington, Ga.  
 Graddick, F. C., Superintendent, Barrow County Cotton Mills, Winder, Ga.  
 Green, W. V., Cotton States Belting & Supply Co., Atlanta, Ga.  
 Greer, Jas. A., Southern Representative, Textile World Journal, Greenville, S. C.  
 Gunn, C. B., Superintendent, Union Cotton Mills, LaFayette, Ga.  
 Hamilton, G. W., Superintendent, Crown Cotton Mills, Dalton, Ga.  
 Harriman, David R., Jr., Superintendent, Griffin Mfg. Co., Griffin, Ga.  
 Harris, Arthur W., Southern Manager, American Warp Drawing Machine Co., Atlanta, Ga.  
 Harris, Geo. S., Superintendent, Lannett Cotton Mills, West Point, Ga.  
 Harrison, W. Y., Superintendent, Covington Mills, Covington, Ga.  
 Horner, J. W., with Ashworth Bros., Atlanta, Ga.  
 Jones, L. L., Secretary and Superintendent, Canton Cotton Mills, Canton, Ga.  
 Keighley, Wm., Superintendent, Berryton Mills, Berryton, Ga.  
 Kinnett, G. T., Superintendent, Wilingham Cotton Mills, Macon, Ga.

(Continued on Page 6.)

## Available for Prompt Shipment

3-120 Spindle Whitin Spoolers, 4 $\frac{1}{2}$ " gauge, 6" traverse.  
 3 Denn Warpers with Linkers and Creels.  
 5,000-4x6 inch Spools.  
 4,000-4x5 inch Spools.

Good condition' attractive price for quick sale.

**SOUTHERN TEXTILE MACHINERY COMPANY**  
 Greenville, South Carolina

## THE "STANDARD"

# BALING PRESS



FOR

## COTTON MILLS

AS MADE BY

## Boomer & Boschert Press Co.

NO. 104 WEST WATER ST.  
 SYRACUSE, N. Y.

SEND FOR CATALOG

W. S. FORBES, PRES. JNO. F. SCOTT, SUPT. J. B. PIPKIN, SEC.-TREAS.

## Edna Cotton Mills

### Three Leaf Twills

Reidsville, N. C.

Dec. 8th, 1916.

Clinton Cam Co.,  
 Clinton, S. C.

Gentlemen:-

We have yours of the 7th and in reply beg to advise that we have found the Cam Devices to be a good thing for our looms and they have proven a saving to us in our weave room. The writer not only recommends them to mills in this letter, but recently gave a manufacturer one of our pieces to attach to one of his looms to try out and advised him to place an order with you.

Trusting the above is what is desired, we are,

Yours very truly,  
 EDNA COTTON MILLS  
 John F. Scott, Supt.

MILL FULLY EQUIPPED MAY 15, 1916



## THE IDEAL DRIVE

# for Textile Machinery

THE SMOOTH, STEADY PULL OF THE Link-Belt Silent Chain Drive is independent of atmospheric conditions, assuring uniform operation under any conditions, even in hot, cold, damp, or oily places. The Silent Chain Drive is practically a flexible gear—there is tension on the pulling side of the chain only; hence the journal friction is practically eliminated. No power is lost due to bearing friction, approximately 99 per cent. of the energy of the motor being transmitted to the

shaft or machine. The power is transmitted quietly, without slip or loss.

Send for a Link-Belt engineer to make a study of your conditions, and point out how you can gain increased production and reduced power charges through the use of Link-Belt Silent Chain.

We'll send Data Book No. 125 on request. It is the handbook of efficient power transmission, and tells all about Silent Chain Drives.

LINK-BELT COMPANY  
PHILADELPHIA CHICAGO  
INDIANAPOLIS  
Charlotte, N. C. . . J. S. Cothran, Com'l Bldg.  
Boston ..... 49 Federal St.  
Branches in the Principal Cities

# LINK-BELT SILENT CHAIN DRIVES

**The Birmingham Meeting.**  
(Continued from Page 4.)

Carter, A. B., Southern Representative, Victor Shaw Ring Traveler Co., Greenville, S. C.  
 Carter, J. P., Superintendent Clinton Cotton Mills, Clinton, S. C.  
 Cash, E. R., Superintendent, Hamrick & Limestone Mills, Gaffney, S. C.  
 Causey, G. W., Superintendent Brogdon Mills, Anderson, S. C.  
 Cannon, J. M., Superintendent, Fountain Mfg. Co., Fountain Inn, S. C.  
 Clark, F. J., Superintendent, Anderson Cotton Mills, Anderson, S. C.  
 Cobb, F. Gordon, Superintendent, F. W. Poe Mfg. Co., Greenville, S. C.  
 Cobb, W. W., Overseer Spinning, Monarch Mill, Union, S. C.  
 Cottingham, A. H., Superintendent Monarch Cotton Mill, Union, S. C.  
 Crocker, T. N., Superintendent, Lydia Mill, Clinton, S. C.  
 Davis, J. M., Superintendent, Newberry Cotton Mills, Newberry, S. C.  
 Digby, T. J., Superintendent, Oakland Cotton Mills, Newberry, S. C.  
 Dorn, J. L., Superintendent, Oconee Mills Co., Westminster, S. C.  
 Franklin, G. A., Superintendent, Riverside & Toxaway Mills, Anderson, S. C.  
 Garrison, M. E., Superintendent, Glenwood Mill, Easley, S. C.  
 Gettys, John E., Manager & Superintendent, Victoria Cotton Mill, No. 1 & 2, Rock Hill, S. C.  
 Gibson, W. H., Jr., Superintendent, Union Mills, Union, S. C.  
 Greer, E. C., Union, S. C.  
 Greer, Jas. A., Southern Representative, Textile World Journal, Greenville, S. C.  
 Hall, E. A., Superintendent, Cannon Mfg. Co., York, S. C.  
 Hamilton, A. M., Superintendent, Chesnee Mills, Chesnee, S. C.  
 Hamrick, W. P., General Superintendent, Pacific Mills, Columbia, S. C.  
 Henderson, W. G., Treasurer, Carhartt Mills, Rock Hill, S. C.  
 Henry, R. E., Manager, Victor Monaghan Mills, Greenville, S. C.  
 Hightower, T. A., Superintendent, Addison Mills, Edgefield, S. C.  
 Hollis, L. P., Superintendent, Victor Monaghan Mills, Greenville, S. C.  
 Hunter, H. P., Superintendent, Equinox Mill, Anderson, S. C.  
 Jennings, David, Assistant Treasurer, Victor Monaghan Mills, Greenville, S. C.  
 Jewell, A. J., Overseer Spinning, Pickens Mill, Pickens, S. C.  
 Johnson, V. M., Superintendent, Poinsett Mills, Greenville, S. C.  
 Johnson, J. E., Superintendent Neely, Travora & Lockmore Mills, York, S. C.  
 Jones, H. F., Superintendent, Easley Cotton Mill No. 3, Liberty, S. C.  
 Kelly, J. W., Superintendent, Pelzer Mfg. Co., Pelzer, S. C.  
 Kendrick, W. M., A. W. Haines Oil Co., Mayfield, Ga.  
 Kirby, H. W., Manager, Star Hosiery Mills, Spartanburg, S. C.  
 Lancaster, M. B., Superintendent, Pacolet Mfg. Co., Pacolet, S. C.  
 Leister, W. P., Superintendent, Victor Monaghan Mills, Jonesville, S. C.  
 Little, Deaver, Superintendent, Re-

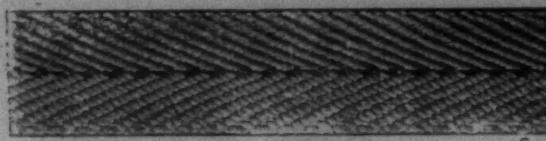
public Cotton Mill, Great Falls, S. C.  
 Lockman, F. D., Superintendent, Lockhart Mills, Lockhart, S. C.  
 Lyons, J. T., Superintendent, Orr Mills, Anderson, S. C.  
 Marchant, T. M., Vice-President, Victor Monaghan Mills, Greenville, S. C.  
 McGuire, N. H., Liberty, S. C.  
 Mauldin, G. L., Saco-Lowell Shops, Greenville, S. C.  
 Mitchell, P. B., Overseer Weaving, Williamston Mills, Williamston, S. C.  
 Montjoy, J. C., Superintendent, Walhalla Plant, Walhalla, S. C.  
 Moody, H. F., Superintendent, Drayton Mills, Spartanburg, S. C.  
 Moore, J. McD., Superintendent, Laurens Cotton Mill, Laurens, S. C.  
 Morgan, C. J., Assistant Treasurer, American Spinning Co., Greenville, S. C.  
 Neal, T. L., Superintendent, Cherokee Falls Mfg. Co., Cherokee Falls, S. C.  
 Pruitt, J. F., Superintendent, Saluda Mfg. Co., Greenville, S. C.  
 Quantz, A. T., Superintendent, Arcade Cotton Mills, Rock Hill, S. C.  
 Rochester, Miss Anna, Children's Bureau, Washington, D. C.  
 Sizemore, T. A., Superintendent, American Spinning Co., Greenville, S. C.  
 Slater, J. W., N. Y. & N. J. Lubricant Co., Charlotte, N. C.  
 Smith, N. E., Superintendent, Easley Cotton Mill No. 1, Easley, S. C.  
 Smith, Milton G., Jones & Laughlin Steel Co., Greenville, S. C.  
 Smith, S. M., Superintendent, Courtenay Mfg. Co., Newry, S. C.  
 Smith, J. N., Superintendent, Woodruff Cotton Mills, Woodruff, S. C.  
 Stall, J. A., International Time Recording Co., Anderson, S. C.  
 Stall, R. J., International Time Recording Co., Columbia, S. C.  
 Steed, C. N., Superintendent Highland Park Mfg. Co., No. 2, Rock Hill, S. C.  
 Stone, M. G., General Superintendent Pacolet Mfg. Co., Spartanburg, S. C.  
 Strickland, C. H., Superintendent, Belton Mills, Belton, S. C.  
 Thomas, S. C., Seydel Mfg. Co., Spartanburg, S. C.  
 Thomason, L. W., N. Y. & N. J. Lubricant Co., Charlotte, N. C.  
 Wade, P. D., Superintendent, Greenwood Cotton Mills, Greenwood, S. C.  
 Walker, W. F., Superintendent, Brandon Mills, Greenville, S. C.  
 Wallace, T. B., Superintendent, Duncan Mill, Greenville, S. C.  
 Walter, E. M., Superintendent, Aragon Cotton Mill, Rock Hill, S. C.  
 Ward, W. P., Superintendent, Norris Cotton Mills, Cateechee, S. C.  
 Wilson, J. R., Superintendent, Camperdown Mill, Greenville, S. C.  
 Wright, G. W., President & Superintendent, Banna Mfg. Co., Goldville, S. C.

St. Pauls Cotton Mill Co.  
 St. Pauls, N. C.

A. I. McDonald.....Superintendent  
 A. J. Kelly.....Carder  
 G. W. Lowe.....Spinner  
 D. W. Black.....Winding  
 M. D. Pitman.....Night Overseer  
 G. W. Deaton.....Master Mechanic

**AMERICAN TEXTILE BANDING CO. Inc.**

Manufacturers of  
Spindle Tape  
And  
Bandings



Hunting Park Avenue and Marshall Street,

PHILADELPHIA, PA.

**Chemicals and Oils**

For SIZING,  
FINISHING  
and DYEING

**The New Brunswick Chemical Co.**  
NEW BRUNSWICK, N. J.

Guaranteed Quality : Demonstrations Made

Southern Representative, MAX EINSTEIN, P. O. Box 927, Charlotte, N. C.

**Emmons Loom Harness Company**

The Largest Manufacturers of Loom Harness and Reeds in America

**Loom Harness and Reeds**

Slasher and Striking Combs, Warper and Leice Reeds, Beamer and Dresser Hecks, Mending Eyes, Jacquard Heddles.

LAWRENCE, MASS.

Trade-Mark  
**"NIGRUM" Treated Wood SADDLES**

Reg. U. S. Pat. Off. Which Require No Oil or Grease and Save You Money in Many Ways

If not, write to us at once for information



BOUND BROOK OIL-LESS BEARING CO., - Bound Brook, N. J.

**John P. Marston**

Gum Tragason  
Kerston Sotter  
Bleaching Assistant  
Bleachers Blue

247 Atlantic Ave.

Boston

**American Dyes for American Dyers**

**KHAKI No. 1**  
(for Wool and Worsted)

**KHAKI No. 2**  
(for Cotton)

with

CHROMOSOL, the new instantaneous cotton mordant

FULL STRENGTH LOGWOOD AND HEMATINE

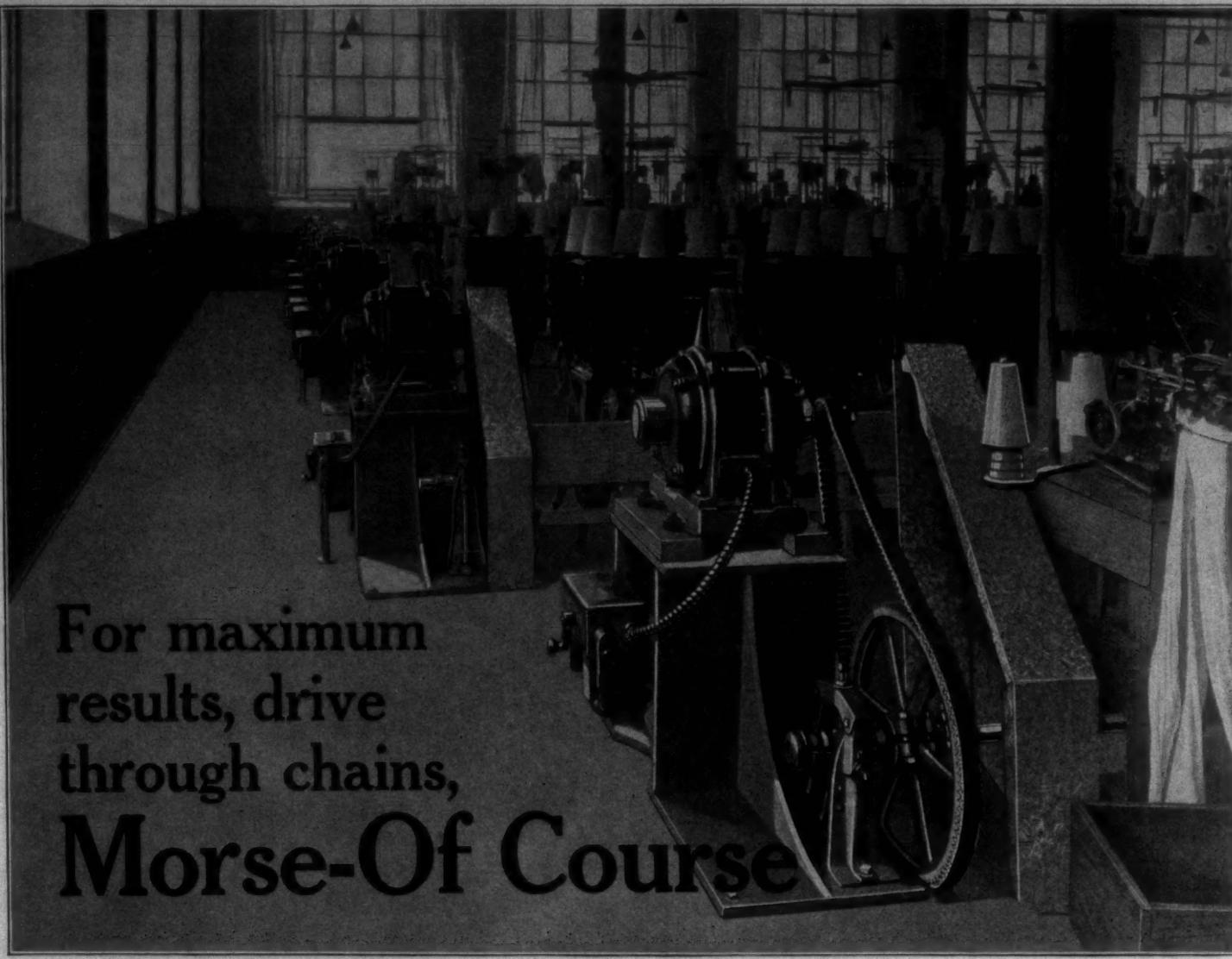
**Marden, Orth & Hastings Co., Inc.**

Established 1837

BOSTON  
CLEVELAND

61 Broadway  
NEW YORK

CHICAGO  
SAN FRANCISCO



## For maximum results, drive through chains, Morse-Of Course

WHEN you answer, "We use electric drive," to the query, "How is your equipment driven?" you give only part of the desired information. How the motors are connected to the machines is the part you omit.

You can use "electric drive" and connect your motors to the machines in one of the several ways, viz:—

- (1) Through MORSE Silent Chains;
- (2) Through leather or other belting;
- (3) Through gearing;
- (4) By direct connection of motor shaft to shaft of the machine.

Your answer to the query, "How is your equipment driven," should therefore be, "By electric motors through MORSE Silent Chains," this method of connecting the motors to the machines being advisable for the following reasons:

- (a) Speed of machines will be maintained, at all times, in exact designed ratio to speed of motors.
- (b) Product will be improved through sustained speeds; it will be uniform; there will be fewer seconds.
- (c) Maximum motor power will be transmitted to the machines, there being no possible slip to a chain drive.
- (d) Space can be saved where desired, shortest possible centers being permissible without loss of efficiency.
- (e) Lighting conditions will be improved, no overhead belts being necessary.

**MORSE CHAIN CO., General Office & Works: Ithaca, N. Y.**

Sales Offices and Representatives in many important cities.

*Southeastern Representative, George W. Pritchett, Greensboro, N. C.*

(f) Less labor will be required for same amount of machinery, evenness and constancy of speed minimizing broken ends, giving operator time to devote to additional machines.

(g) Fire risk will be decreased, and safety factor increased, chain drives transmitting no static electricity and, usually being enclosed, offer no chance for accidents to employees.

(h) Less attention will be required by silent chains than either belting or gearing, very little lubrication being necessary, and adjustment for taking up slack only once or twice during the life of the drive, sometimes not at all, depending upon the design of the drive.

We don't give economy as one of the reasons for using silent chain drives because each of the reasons above outlined is an economical reason itself, therefore the proposition must be an economical one for you.

Thousands of plants throughout the country are today using MORSE Silent Chain Drives. If satisfactory and economical to them, why not to you, and if so, would it not be good business policy on your part to investigate the subject thoroughly?

We suggest your writing for our Publications No. 13, "Textile Mills," and No. 15, "Small Power Drives," either of which will tell you the complete story.

Send this coupon to either  
MORSE CHAIN CO., Ithaca, N. Y.  
George W. Pritchett, Greensboro, N. C.  
Gentlemen: Without obligation, please send full particulars  
of MORSE Silent Chains for transmitting power  
Name \_\_\_\_\_  
Address \_\_\_\_\_

## DISCUSSIONS BY PRACTICAL MEN

### Answer to R. J. H.

Editor:

I wish to answer the questions asked by "R. J. H." in a recent issue.

I have had similar trouble with cards. The first trouble is that his licker-in shield is too far from the feed roll. The second is probably that the feed plate is too far from the licker-in. The remedy is to set the feed plate to the required distance for stock and weight of lap, then put on lap and run it into the card so that it will raise the feed roll as high as the lap will naturally raise the feed roll, then bring the licker-in shield down to a No. 7 gauge. If there is not room in the slots which the cap screws are in, take a small round file and make them long enough to come to 7/1000 or a No. 7 card gauge all along. If the shield has high place on it, file or grind them off the edge next to the feed roll until perfectly straight.

I hope that this will help R. J. H. and that if it does he will say so.

A. J. R.

### "Wants Georgia to Answer."

Editor:

I would like to have space in your paper to ask "Georgia" a few questions as I notice he is giving the boys some good advice.

Now Mr. "Georgia," please give us the proper setting in picker room on 1 1/16 inch cotton. That is, how should my beaters be set for this stock? How far apart should my drawing rollers be from center to center of each set, also rollers on intermediate and fine frames? How can I prevent thick and thin places in my roving? My drawing rollers make 330 R. M. P. Is this too fast for 64 grain sliver metallic rollers? My drawing sliver appears to be cut as it comes through the slubbers, but it looks even in front of the drawing. My ends run slack. Please give me all the points along this line and accept my thanks for same.

Young Carder.

### Ideal Quill Cleaner.

The Terrell Machine Co. of Charlotte, N. C., have recently put upon the market the "Ideal Quill Cleaner" and are meeting with great success in its sales.

Before putting this machine upon the market they employed one of the best known tool building firms in New England to redesign their machine with a view of correcting defects and perfecting details and making a set of dies for stamping the parts and thereby insuring uniformity.

It is reported that the building of the first machine cost the Terrell Machine Co. a very large sum, but the smooth operation and successful working of the machines that they have since built seem to entirely justify the outlay.

The Ideal Quill Cleaner will only clean standard Draper Quills, but on them is said to have 98 per cent cleaning efficiency. One machine will handle 75,000 to 80,000 quills daily and requires only two operators.

Within the last thirty days Ideal Quill Cleaners have been purchased by the Riverside and Dan River Mills, Pomona Mills, Dacotah Cotton Mills, Cannon Mfg. Co., Gibson Mfg. Co., Brookford Mills, Lancaster Cotton Mills, Hamilton Carhartt Cotton Mills, Mooresville Cotton Mills and Exposition Cotton Mills and the purchase by mills of this class is sufficient evidence that they are regarded as a good investment.

The Terrell Machine Co. of Charlotte, was organized by E. A. Terrell, son of the late T. V. Terrell of Cool- eemee and Concord, N. C., whose untimely death in an automobile accident was a great shock to the textile industry.

They have a well equipped shop and are developing a very large business in textile machinery.

### New Rocker Shaft Bearing.

We have recently had occasion to examine a new rocker shaft bearing that has been invented by a second hand in weaving and which will

### ABOLISH "OIL STAINS!"

Can't be done, you say? Why, man, we've produced a lubricant that has been doing just that for eighteen years! It's name is NON-FLUID OIL.



We have simply taken the finest grade of mineral oil and by a special process have reduced it to a non-dripping consistency. Thus it has every advantage of fluid oil—but it cannot drip, spatter or fly around the room.

NON-FLUID OIL is as clean as grease, but unlike grease, needs no frictional heat to melt it before it begins to lubricate. NON-FLUID OIL lasts 3 or 4 times as long as fluid oils or greases and reduces lubricant costs.

A grade for every purpose.

WRITE FOR SAMPLES AND A BOOK "LUBRICATION OF TEXTILE MACHINERY."

NEW YORK & NEW JERSEY LUBRICANT CO., 165 Broadway, NEW YORK

Southern Agent: Lewis W. Thomason, Box 165, Charlotte, N. C.

**Hercules**  
TRADE MARK REGISTERED

### Seamless Roving Cans

Write for Catalog No. 19

Roving Cans

Barrels and Boxes

Cars and Trucks

The Largest Line of Metal Receptacles

SOUTHERN BRANCH  
Fibre Specialty Mfg. Company

308 Masonic Temple  
GREENVILLE, S. C.

HOME OFFICE AND FACTORY  
KENNETT SQUARE  
PA.

## Joseph Sykes Brothers,

### Card Clothing Manufacturers

HARDENED AND TEMPERED STEEL WIRE PLOW GROUND  
CARD CLOTHING

Revolving Top Flats re-clothed. Licker-ins re-wound. Burnisher and Stripper Fillets. Dronfield's Grinder Rolls. Emery Fillets. All regular sizes of Card Clothing always in stock and shipped same day order is received.

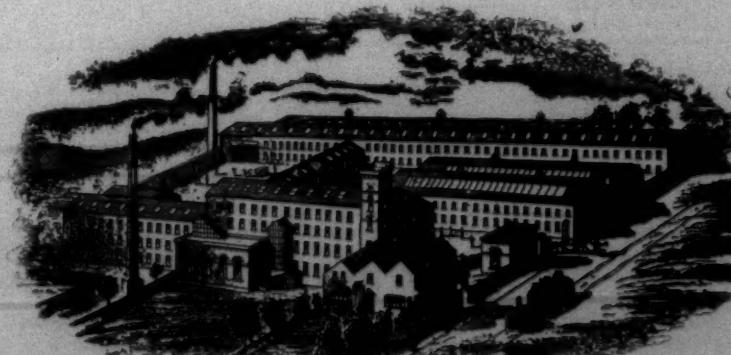
RICHARD D. THOMAS, Southern Agent

REPAIR SHOPS AND STOCK ROOMS

TOMPKINS BUILDING  
P. O. BOX 88  
CHARLOTTE, N. C.

4 1/2 PETERS STREET  
P. O. BOX 793  
ATLANTA, GA.

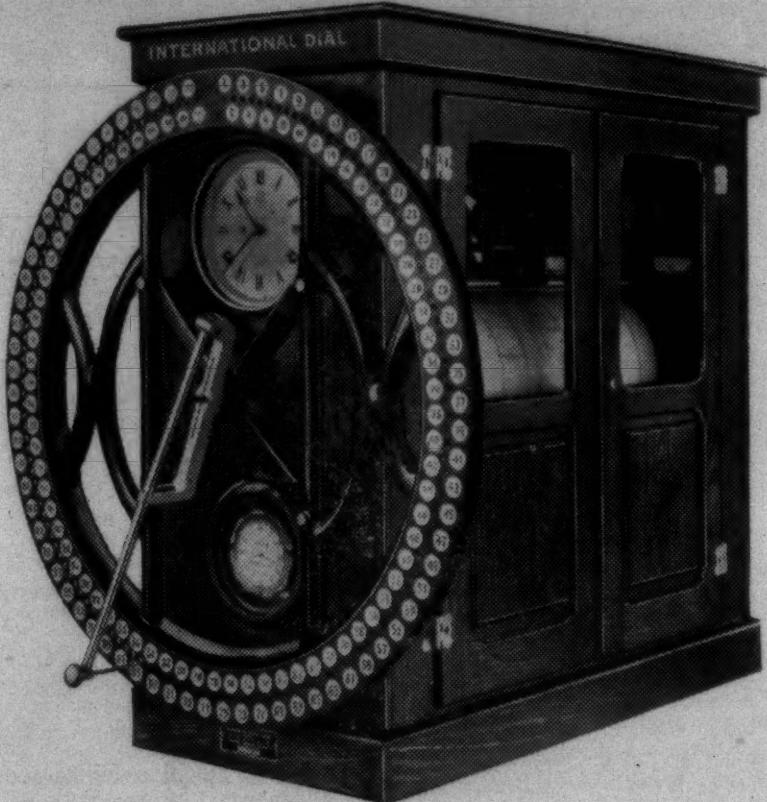
Huddersfield, England



# AUTHENTIC TIME RECORDS

## LEGIBLE—ACCURATE—INDISPUTABLE

### Let Internationals Solve Your Time Problems



THIS International Dial Recorder is the highest type of time recording device.

Your employees simply press the lever. Everything else—even the actual printing of your record sheet is taken care of by this wonderful recorder.

Every feature of this machine—the setting of the printing mechanism—the selection of the printing place on the time sheet—the selection of the color of the record (all irregular time records being made in red)—the printing of the record accompanied by the ringing of a bell and an automatic adjustment for the next record—is automatically attended to.

**FAST**—50 employees can register in one minute.

**SIMPLE**—Only one operation, no levers to shift.

**AUTOMATIC**—Only completely automatic recorder.

**VISIBLE**—Record visible at all times.

**RECORDS**—Compact, Sanitary, Permanent.

Largest Manufacturers in the World of Card Time Records, Dial Recorders, Time Stamps, Self-Winding Electrical and Spring Driven Clocks, Program Devices and Signal Systems.

Correspondence on Time Questions Invited

## International Time Record Company, of New York

ENDICOTT, N. Y.

Southern Service Stations—Atlanta  
and Supply Depots

Birmingham Chattanooga Columbia Richmond  
New Orleans Dallas

# SOUTHERN TEXTILE BULLETIN

Offices: Room 609 Realty Building, Charlotte, N. C.  
Published Every Thursday By  
Clark Publishing Company

DAVID CLARK.....Managing Editor  
D. H. HILL, JR.....Associate Editor

#### SUBSCRIPTION.

One year, payable in advance.....	\$1.50
Other countries in Postal Union.....	3.00
Single Copies.....	.10

Contributions on subjects pertaining to cotton, its manufacture and distribution, are requested. Contributed articles do not necessarily reflect the opinion of the publishers. Items pertaining to new mills, extensions, etc., are solicited.

#### ADVERTISING.

Advertising rates furnished upon application.  
Address all communications and make all drafts, checks and money orders payable to Clark Publishing Company, Charlotte, N. C.

Entered as second class matter March 2nd, 1911, at the postoffice at Charlotte, N. C. under the Act of March 3d, 1879.

THURSDAY, JUNE 7, 1917

#### McKelway Crowd at Work.

Papers all over the country have this week carried a column article sent out from Washington, D. C., and which attempts to make it appear that England and France have not only refused to suspend any of their labor laws but are actually going to raise the age limits.

While the article has no signature it bears all the ear-marks of an A. J. McKelway production because it uses insinuations and intimations in lieu of actual statements.

It is evidently intended to give the public a false idea of what has been done in England and France and is undoubtedly a move to create public sentiment against our effort to have the 8-hour section of the Keating Bill suspended.

As a matter of fact both England and France have not only suspended or ceased to enforce their 8-hour laws, but are also permitting children of very young ages to work in industries.

The cotton manufacturers of the South do not ask any suspension of the section of the bill prohibiting the employment of those under fourteen years of age but it is reasonable in the face of the present labor shortage to ask that those between 14 and 16 years of age be allowed to work the number of hours permitted by state laws.

The article sent out by the McKelway crowd will undoubtedly create public sentiment against any suspension.

#### Greenville-Atlanta-Birmingham.

Encouraged by the success of the meeting of the superintendents of North Carolina Cotton Mills at Charlotte we took it upon ourselves to call similar meetings in the other cotton manufacturing states of the South and last week there were splendid meetings at Greenville, S. C., Atlanta, Ga. and Birmingham, Ala.

Before calling the meetings we arranged with Secretary of Labor Wilson to send from Washington, was held and at the close Miss Abbott made a few remarks.

Miss Abbott and Miss Rochester, accompanied by Mr. David Clark and Mrs. David Clark, made the trip and

there was also in attendance on all three meetings, A. B. Carter, secretary of the Southern Textile Association, Jas. A. Greer, Southern Representative, Textile World Journal and L. W. Thomason of the N. Y. & N. J. Lubricant Co.

Miss Grace Abbott as Director of the Children's Bureau of the De-

partment of Commerce is in direct charge of the enforcement of the Keating Bill and one of the objects of the meetings was to let her become acquainted with the mill superintendents and mill conditions before her department made the rules for the enforcement of the law.

Mr. Clark had requested L. L. Arnold, editor of Cotton to preside over the meeting, but Mr. Arnold's home had been recently damaged by the Atlanta fire and a meeting with insurance adjusters prevented his being present at the opening of the meeting. In his absence, Geo. Harris of West Point, Ga., was selected as chairman of the meeting.

At this meeting as in Greenville, before calling the meetings we arranged with Secretary of Labor Wilson to send from Washington, was held and at the close Miss Abbott made a few remarks.

Wednesday afternoon Miss Abbott and Miss Rochester were taken to the Exposition Cotton Mills and fully studied the processes of manufacturing cotton goods.

Taking the sleepers again the three meetings, A. B. Carter, secretary of the Southern Textile Association, Jas. A. Greer, Southern Representative, Textile World Journal and L. W. Thomason of the N. Y. & N. J. Lubricant Co.

Miss Grace Abbott as Director of the Children's Bureau of the De-

partment of Commerce is in direct charge of the enforcement of the Keating Bill and one of the objects of the meetings was to let her become acquainted with the mill superintendents and mill conditions before her department made the rules for the enforcement of the law.

Mr. Heymer with the name of each superintendent before him, called

At Greenville almost a hundred on each in turn to explain how he cotton mill superintendents met us planned to put the Keating Bill into and when the meeting was called effect at his mill and as at the other to order at 10 a. m., Tuesday, May 29th, at the Ottaway Hotel we asked two meetings Miss Abbott made a short address.

F. Gordan Cobb, chairman of the Board of Governors of the Southern Textile Association to preside.

A very interesting discussion led by such men as J. M. Davis and J. A. Lyons was held at this meeting and the only regret in connection with the meeting was that the session was too short.

At the close of the meeting Miss Abbott made a short address.

Tuesday afternoon Miss Abbott and Miss Rochester were first shown through the Dunnean Mills, where the processes of cotton manufacture were explained to them and then we visited the Monaghan Mills where L. P. Hollis explained the objects of welfare work and showed them the mill schools, recreation halls, kindergarten and mill gardens in all of which they seemed to be much interested.

Going by sleeper to Atlanta, the party reached the Piedmont Hotel early Wednesday morning and at 10 a. m., a meeting of approximately fifty Georgia superintendents was called to order.

Mr. Clark had requested L. L. Arnold, editor of Cotton to preside over the meeting, but Mr. Arnold's home had been recently damaged by the Atlanta fire and a meeting with insurance adjusters prevented his being present at the opening of the meeting. In his absence, Geo. Harris of West Point, Ga., was selected as chairman of the meeting.

At this meeting as in Greenville, before calling the meetings we arranged with Secretary of Labor Wilson to send from Washington, was held and at the close Miss Abbott made a few remarks.

Wednesday afternoon Miss Abbott and Miss Rochester were taken to the Exposition Cotton Mills and fully studied the processes of manufacturing cotton goods.

Taking the sleepers again the three meetings, A. B. Carter, secretary of the Southern Textile Association, Jas. A. Greer, Southern Representative, Textile World Journal and L. W. Thomason of the N. Y. & N. J. Lubricant Co.

Miss Grace Abbott as Director of the Children's Bureau of the De-

partment of Commerce is in direct charge of the enforcement of the Keating Bill and one of the objects of the meetings was to let her become acquainted with the mill superintendents and mill conditions before her department made the rules for the enforcement of the law.

Mr. Heymer with the name of each superintendent before him, called

David Clark moved the appointment of three committees, one on spinners, one on doffers, and one on employment outside the mills of those who can not be legally employed in the mill and further moved that the committees report later.

Finding that it was the first meeting of Alabama cotton mill superintendents that had ever been held and that they did not know each other, Mr. Clark suggested that they take lunch together and a lunch for thirty-two was laid at a long table in a private dining room of the Tutwiler Hotel.

At the beginning of the lunch a "roll call" was held by causing every man to stand and announce the name and mill of the man sitting in his right. This made every man acquainted with his neighbor.

Another "roll call" was held at which each man arose in turn and announced his birth place. One was born in Germany, one in England, one in Canada, one in Maine, etc., and the roll call showed the remarkable fact that only two men running Alabama mills were born in Alabama.

Such a success was the meeting and dinner that after giving a vote of thanks to Mr. Clark, they voted to have another meeting and lunch in Birmingham on Saturday, July 14th.

The party left Birmingham at 4 p. m., Thursday afternoon, Mr. and Mrs. Clark going direct to Charlotte while Miss Abbott and Miss Rochester stopped at Newberry, S. C., for a day's visit to the mills there before returning to Washington, D. C.

It was a strenuous trip requiring four nights on sleepers but the attendance and the interest shown in the discussions made it well worth while and we believe that we have given the United States Department of Labor through their representatives a better idea of Southern cotton mill conditions and of the men who operate the mills.

At each point a stenographer was employed to take down the entire discussion and they will be published as fully as possible.

Up to the present time only the report of the Birmingham stenographer has been received and we regret to find that it is very incomplete as she did not get more than one third of what was said at the meeting.

We have, however, notes of the most valuable ideas advanced and these will be summarized in a later edition.

Chairman Heymer appointed the following:

Committee on Spinners, G. T. Marsh, G. H. Jones and A. A. Harris. Committee on Doffers, J. A. Shinn, M. T. Grimes, and B. F. Nuttall.

Committee on Employment Outside the Mill, E. A. Thompson, Z. H. Mangum, and B. J. Fisher.

## PERSONAL NEWS

Charles R. Lockman and W. H. Conner of Kannapolis, N. C., paid us a visit last Monday.

W. A. Murphy has resigned as second hand in carding at the Buffalo Mills, Buffalo, S. C.

Arthur Thompson has accepted position as section man in card room at the Buffalo Mills, Buffalo, S. C.

D. C. Allen and R. D. Bennam are overhauling spinning at the Mobile (Ala.) Cotton Mills.

W. O. Hedsteath is now filling position of superintendent of the Laurel (Miss.) Cotton Mills.

W. M. Williams has accepted position as superintendent of the E. M. Holt Plaid Mills, Burlington, N. C.

J. H. Coggins has been promoted to night superintendent of the Dixie Mills, Mooresville, N. C.

W. D. Eudy has been promoted to second hand in No. 1 carding at the Efird Mfg. Co., Albemarle, N. C.

J. B. Bishop has accepted the position of overseer of weaving at the Gambrill Mills, Bessemer City, N. C.

M. C. Jones has resigned as overseer of weaving at the Gambrill Mills, Bessemer City, N. C.

E. G. Brown of Columbus, Ga., has accepted a position with the Raybell Mfg. Co., Selma, Ala.

J. F. Rowe has resigned as slasher tender at the Huss Mfg. Co., Bessemer City, N. C.

W. L. Boyd has accepted the position of overseer of spinning at the Chadwick-Hoskins Mill No. 1, Charlotte, N. C.

J. W. McAlpine has resigned as overseer of spinning at the Chadwick-Hoskins Mill No. 1, Charlotte, N. C.

J. C. Wilson, formerly superintendent of the Hermitage Cotton Mills, Camden, S. C., is now filling a similar position with the Osage Mills, Bessemer City, N. C.

A. M. Royster has become slasher tender at the Huss Mfg. Co., Bessemer City, N. C.

B. M. Newsom has been promoted from second hand to overseer of spinning at the Raybell Mfg. Co., Selma, Ala.

W. T. Hall has resigned as overseer of weaving at the Minneola Mills, Gibsonville, N. C., and moved to Oxford, N. C.

L. C. Austin has succeeded J. M. Graham as superintendent and manager of the Savannah (Ga.) Cotton Mill.

William Trawick has been promoted from section hand on winders to section hand in spinning room at the Mobile (Ala.) Cotton Mills.

E. W. Hopper has resigned as overseer of spinning at Millen, Ga., to become assistant superintendent at the Maple Mills, Dillon, S. C.

J. J. Montague, Southern representative of the Chapman Mfg. Co., has returned from a trip to the head office at Boston, Mass.

H. P. McElroy of Huntsville, Ala., has accepted the position of overseer of carding at the Huntsville Cotton Mills of that place.

C. W. Parrott of Atlanta, Ga., has accepted the position of assistant superintendent of the Chadwick-Hoskins Mills No. 1 and No. 2, at Charlotte, N. C.

W. M. Thomas of the Olympia Mills, Columbia, S. C., has accepted the position of overseer of carding at Hartsville Cotton Mills, Hartsville, S. C.

J. L. Woodward has been promoted from section man at the Buffalo Mills, Buffalo, S. C., which position he has held for 7 years, to second hand in that mill.

B. M. Bowen, overseer of carding at the Erwin Mills No. 4, West Durham, N. C., and C. D. McDonald, superintendent of the Norcott Cotton Mills, Concord, N. C., paid us a visit last Saturday.

Albany Grease can be used on any bearing of any machine regardless of the size of the bearing or the speed at which it is operated. Albany Grease lubricates small light bearings running as high as 9000 R. P. M. as well as heavy ponderous bearings running as slow as 25 R. P. M. successfully. Use Albany Grease on every bearing in your mill and secure efficient and economical lubrication service. An Albany Cup and samples of Albany Grease will be sent you free of charge.

ALBANY LUBRICATING COMPANY

708-10 Washington St.

NEW YORK CITY



B. M. Rose has resigned as superintendent of the E. M. Holt Mills, Burlington, N. C., to become overseer of weaving at the Minneola Mills, Gibsonville, N. C.

G. C. Cauble has resigned a second hand in No. 1 carding at the Efird Mfg. Co., Albemarle, N. C., to accept a similar position at the Dan River Mills No. 2, Schoolfield, Va.

T. R. Morton, who recently resigned as superintendent of the Eden- ton (N. C.) Cotton Mills, has accepted position as night superintendent of the Bibb Mfg. Co., at Porterdale, Ga.

G. C. Cobb, superintendent of the Ella Mfg. Co., Shelby, N. C., who was operated on for appendicitis on May 15th, has returned to his home and will soon be able to return to his office.

A. W. Hardin has accepted position as superintendent of the Hicks Hosiery Mill, Talladega, Ala.

J. H. Jackson has resigned as superintendant of the Hicks Hosiery Mills, Talladega, Ala.

Thomas B. Hudgins has resigned his position with the Union-Buffalo Mills, Union, S. C., to accept a position in the office of the Victor-Monaghan Mills, as assistant treasurer, Greenville, S. C.

### Two More Ambulances Given By Mill Men.

Cotton mill men in the Piedmont section within the last few weeks have donated four ambulances which will be sent for service in France. Last week Col. C. B. Armstrong, of Gastonia, who owns the controlling interest in a number of

**Eatonton, Ga.**—The Eatonton Cotton Mills are changing from sheeting and Osuaburgs to heavy ducks.

R. M. Miller, of Charlotte, former owner of the Elizabeth Mills in Charlotte, and one of the best known mill men in the South, has also given an ambulance to the cause.

Previous to this, ambulances have been given to the Red Cross by A. J. Draper of Charlotte, head of the Chadwick-Hoskins Mills, and J. M. Cannon of Concord, of the Cannon chain of mills.

### J. M. Williams Goes With Clinton Cam Co.

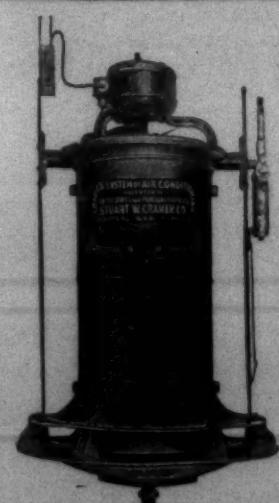
J. M. Williams has resigned his position as traveling representative of the Southern Textile Bulletin to become salesman for the Clinton Cam Co., of Clinton, S. C.

Mr. Williams has been with the Southern Textile Bulletin for almost six years and during that time has given uniformly satisfactory service and we regard him very highly for his integrity and ability.

By years of experience as loom fixer and overseer of weaving Mr. Williams is well qualified for his new position and will undoubtedly make a great success in extending the sale of an appliance that has as much merit as the Clinton Cam Device.

While in our employ he has covered the textile field of the South many times and few men are as well and favorably known in the textile industry.

In order to cut off a flood of applications we wish to state that Mr. Williams' place will not be filled before October and no applications will be given consideration at this time.



## Cramer System of Air Conditioning

WITH OR WITHOUT

Automatic Regulation of Humidity and Temperature

Moderate in Cost

Cheap to Operate

Yields Big Returns

**STUART W. CRAMER**

CHARLOTTE,

NORTH CAROLINA

## MILL NEWS ITEMS OF INTEREST

**Danville, Va.**—The Riverside and Dan River Mills have placed an order with the Terrell Machinery Co., of Charlotte, N. C., for an ideal quill cleaner.

**Coleridge, N. C.**—It is reported that the Enterprise Manufacturing Co. will build a large addition to their plant and install a weave room.

At present the company operates an equipment of 4,000 spindles, their product being 8's carpet yarns.

**Augusta, Ga.**—The name of the Nixon Mfg. Co. has been changed to the Crescent Yarn Mills. The looms will be discarded and the mill will be operated on 12s to 20s yarns. A. K. Clark will remain as manager.

**Atlanta, Ga.**—The Exposition Cotton Mills have purchased an ideal quill cleaner from the Terrell Machine Co., of Charlotte, N. C.

**Alexander City, Ala.**—A building will be erected at this place for the Marble City Mills, which were wrecked by a tornado at Sylacauga, Ala. Undamaged machinery will be moved from Sylacauga and supplemented by new machinery to the original equipment of 5,120 spindles.

**Newton, N. C.**—The Yount Cotton Mill is nearing completion. All the brick work is finished and the greater portion of the wood work. Many new houses have been built for the operatives. The owner hopes to move the machinery here from his mill at Walterboro, S. C., at an early date.

**Thomasville, N. C.**—A Southern Finishing Mill Company has been organized at this place by G. Arthur Evans and W. K. Pennington. The site has been bought and the work on the building will be started within the next few days. This plant expects to have a daily output of 2,000 dozen hose.

**Elizabeth City, N. C.**—The Ideal Hosiery Company has been incorporated with a capital stock of \$50,000 authorized and \$2,100 paid in. The incorporators are M. G. Morissette, W. B. Saunders and M. B. Simpson. While the company has made no announcement of their plans, it is understood that they will operate a hosiery knitting plant.

**Cherryville, N. C.**—During the storm of last Wednesday evening the store room of the Gaston Mfg. Co., which is occupied by E. W. Ford, was struck and all of the glass in the front windows broken out. The telephone was also torn to pieces and a part passed by one customer, just barely missing his head and out through the screen door. There was a number of people in the store but no one was hurt.

**Shelby, N. C.**—Shelby is to have a new enterprise in the form of a \$1,200 to \$1,400 weekly. Men's underwear is the product he proposes to manufacture.

**Marble City Mills Wrecked by Tornado.**

Shortly after midnight on Sunday, May 28th, a tornado which struck Sylacauga, Ala., almost completely wrecked the Marble City Mills, which operated 5,120 spindles on hosiery yarns.

Almost the entire roof was blown completely off the mill and three of the brick walls were blown in upon the machinery, breaking and damaging a great deal of it especially in the spinning room.

The picker room machinery was not damaged very much but a 30,000-gallon water tank fell among the cards and did much damage.

The spinning frames and spoolers were badly broken and damaged by the falling walls.

T. C. Russell of Alexander City, Ala., who is president and chief owner of the Marble City Mills, announces that the mill will not be rebuilt at Sylacauga but a building will be erected at Alexander City, Ala., to which the good machinery will be moved and contracts have been placed with the Saco Lowell Shops for machinery to replace that damaged beyond repair.

### \$100,000 Lake Being Built at Proximity.

The Revolution Mills, Greensboro, N. C., are about half through with the construction of a great water reservoir northeast of Greensboro and just west of the extension of Church street, about three-quarters of a mile from the city limits. This reservoir will be filled from Nix creek by hydraulic pressure and will be used for the bleaching purposes of Revolution Mills. In the future, the companies expect to build another great dam near the latter.

At 3:30 a very interesting game of ball was played by the Wateree and Hermitage Mill teams, in which the

and it will be entirely adequate for the purpose for which it is designed.

The lake will cover about 12 to 15 acres of ground. At the present time a force of 40 or 50 mule teams and about 40 men is engaged in construction of the dam. A concrete core will be filled about with earth to form the basin. The work is a large undertaking, involving an expenditure of between \$75,000 and \$100,000.

The work of building it has been in progress for the past 60 days, and the statement was made that about that length of time will be required to complete the task.

### Mills Meetings.

The annual meeting of the South Carolina Cotton Manufacturers' Association will be held at Battery Park Hotel, Asheville, N. C., on Thursday and Friday of this week while the annual meeting of the North Carolina Cotton Manufacturers' Association will be held at the Grove Park Inn of the same place on Friday and Saturday.

The Georgia Cotton Manufacturers' Association will also meet on Friday and Saturday of this week at St. Simons Island, Ga.

The annual meeting of the Southern Textile Association will be held at Wrightsville Beach, near Wilmington, N. C., on June 22 and 23, 1917, and promises to be very largely attended.

### Wateree Mill Flag Raising.

One of the most enjoyable occasions ever seen at the Wateree Mills, Camden, S. C., was witnessed there last Saturday evening, when about 700 people of the village and vicinity assembled to see the flag raising and ball game.

At 3:30 a very interesting game of ball was played by the Wateree and Hermitage Mill teams, in which the place, but the capacity of the lake that is now being constructed will be approximately 50,000,000 gallons.

After the ball game the Rev. F. A. Lyles opened the exercises with a

prayer; then gathered on the lawn

### SEND US YOUR ORDERS

THIS NEW, MODERN FLOORING PLANT HAS EVERY FACILITY FOR PROMPTLY FILLING EVERY ORDER, LARGE OR SMALL. PUT US TO THE TEST

### B-C Co. Brand

### MAPLE FLOORING

FOR UNIFORMITY IN QUALITY, MILLWORK AND GRADES IT IS UNEQUALLED.

THE BIGELOW-COOPER COMPANY  
BAY CITY, MICH.



EXCLUSIVE SOUTHERN AGENTS  
WILLIAM M. LLOYD COMPANY  
1200 INDEPENDENCE BUILDING

CHARLOTTE, N. C.

Thursday, June 7, 1917.

in front of the mill, the school children along with the teachers and grown folks and sang "The Star Spangled Banner." During the patriotic song, the flag was raised by Major S. C. Zemp, M. D., after which the speaker of the occasion, Judge M. L. Smith, was introduced by H. K. Hallett, the superintendent of the mill.

Mr. Smith amid cheers and applause, made a very interesting and appropriate talk with reference to the flag and what it stands for.

At the close of the exercises a cordial invitation was extended by Mr. H. K. Hallett for all to remain for the picnic and fish fry which was held by the side of the pond in Shaw's Park.

**Presentation of Student's Medal at the Textile Department, North Carolina State College.**

At the commencement exercises of the North Carolina State College, Mr. W. A. Erwin, secretary and treasurer of the Erwin Cotton Mills Co., Durham, N. C., presented the Student's Medal. This medal is awarded annually by The National Association of Cotton Manufacturers, to the textile student having the highest proficiency in his work.

This year the medal was awarded to Mr. M. A. Stough of Cornelius, N. C.

The above Textile Department is the only textile school in the South to be awarded this medal. Thirteen young men graduated from the textile school this year. Eighty regular textile students were registered, and, in addition to this, there were twenty-two short course students.

#### Time Clocks.

In this issue will be found an advertisement of the International Time Recording Co., which is of special interest at this time, because many mills are considering the use of time clocks in connection with operating under the Keating Bill.

The International Time Recording Co. expect to exhibit some of their time clocks at Wrightsville Beach, N. C., during the meeting of the Southern Textile Association and to demonstrate their uses.

#### Cotton Condition Lowest in Years.

Washington, June 1.—The condition of the cotton crop on May 25 was 69.5 per cent of a normal, compared with 77.5 last year, 80.0 in 1915, 74.3 in 1914 and 79.1, the May 25 ten year average, the department of agriculture announced today in its first report of the season. The acreage planted to cotton will not be announced until July. Cold weather in April and May hurt the cotton crop severely through the entire South.

Condition of the crop by States

ARE YOU  
PREPARED  
for the warm weather  
when drinking problems  
are so vital and  
important  
A Good Cool Drink of  
Water Makes EFFI-  
CIENCY and SATIS-  
FIED Employees.  
A Sanitary Drinking  
Fountain Keeps Them  
Well and Prevents the  
Spread of Disease. Why  
not look into the proposi-  
tion.  
A postal will bring full  
information.

**PURO**  
MEANS PREPAREDNESS

Puro Sanitary  
Drinking Fountain Company  
342 Main Street, Haydenville, Mass.

**TURBO-HUMIDIFIER**

Solves the Moisture  
Problem

If you have not the correct humidity in your plant for the material you handle—it will lose its moisture.

And you will lose the weight you paid for. The Turbo-Humidifier puts back the moisture—giving the finished material its natural weight and saving your profits.

The Turbo delivers pure "pulverized water" into the atmosphere of your different departments. It insures in all seasons the right degree of humidity for any condition or material.

It will cost you only a red stamp to get proof of these fact claims. Ask for the proof.

When you buy raw Cotton, Wool, and other fibres you also buy enough water to depreciate your profits—if you do not put the water back into your finished product.

**THE G. M. PARKS CO.**  
Fitchburg, Mass.

Southern Office 1006 Commercial Bld., Charlotte, N. C.

J. S. COTHRAN, Manager

follows: Virginia, 75; North Carolina, 73; South Carolina, 70; Georgia, 69; Florida, 76; Alabama, 61; Mississippi, 66; Louisiana, 74; Texas, 63; Missouri, 73; Oklahoma, 77; California, 82.

Revised estimates announced today of the area planted for and in cultivation at the end of June last year place the average at 36,052,000; area picked last year at 34,985,000 acres and the yield per acre at 156.6 pounds of lint.

#### Labor Solicitor Jailed.

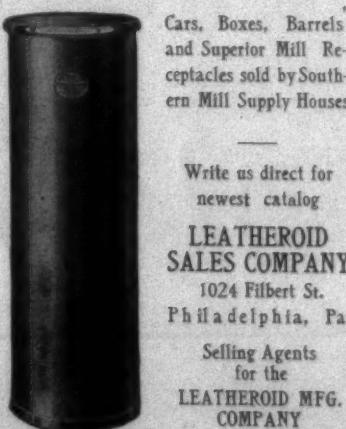
In Recorder's Court Monday morning Jesse Johnston was sentenced to six months on the county roads for soliciting labor without the proper license. Johnston had been rather active around several of the various cotton mills within the city, it is claimed, in an effort to get laborers to go to Bridgewater, N. C., to work. He was promptly arrested by local officers and his soliciting stopped.—Gastonia Gazette.

**SHAMBOW SHUTTLE**

What shuttle you put into the looms has a great deal to do in determining the percentage of production and quality of cloth that comes out with Shambows' Reshuttle

Address  
SHAMBOW SHUTTLE CO.  
Woonsocket, R. I.

#### "LEATHEROID" SEAMLESS ROVING CANS



Write us direct for  
newest catalog

**LEATHEROID  
SALES COMPANY**  
1024 Filbert St.  
Philadelphia, Pa.

Selling Agents  
for the  
**LEATHEROID MFG.  
COMPANY**

## AMERICAN MOISTENING COMPANY

BOSTON, MASSACHUSETTS

WILLIAM FIRTH, President

THE ONLY PERFECT SYSTEM OF AIR MOISTENING  
COMINS SECTIONAL HUMIDIFIER

SOUTHERN OFFICE, Empire Building, ATLANTA, GEORGIA

FRANK B. COMINS, Vice-Pres. and Treas.

## Cotton Goods Report

New York.—In the cotton goods markets last week, prices advanced rapidly on almost all kinds of goods. Print cloths advanced as much as half cent to one cent a yard, staple denims advanced half cent a yard and some very stiff advances were named on bleached goods. A variety of staple cottons, finished and unfinished, were advanced again during the week.

Retail prices are relatively much lower than replacement costs, though retail trade is below normal. From almost all quarters come reports that retailers are offering the most expensive articles at reduced prices. It is evident from the firm tone that prevails in all quarters of the market that there will be no softening of prices as long as the war lasts. It is more a question of getting the supplies than a question of prices. Merchandise is not plentiful and will not be for some time to come. Prices are up and as a result of the war orders that the country is placing, even higher prices are expected.

The market for print cloths was active last week, spots especially being in good demand. The brisk demand that lasted all week greatly reduced the available stocks for quick delivery and all sorts of prices ruled for goods that were available for prompt shipment. Only small quantities were offered by second hands, and prices showed little difference from current spot levels. The demand for future delivery was fairly active, but the greater part of the business was for spot or prompt shipment.

Many large orders for brown sheetings were placed during the week, with deliveries running up to the first of next year. The largest of these orders came from the bag trade, but the converting trade also took considerable quantities. While very little is being made public regarding Government orders, large orders for all kinds of goods are being placed and the Government orders are still far from being completed. Duck, in all grades, is on a high basis and many houses are quoting flat list prices.

There was some improvement in export trade during the week. The Scandinavian countries which have been out of the market for some time back have come back and there buyers were reported to have placed substantial orders last week. A general line of dry goods, including hosiery, underwear and cotton piece goods were ordered. Very little change was seen in the other quarters of the export market. Mexico continued to buy liberally and large shipments have been made to that country. Central and South America bought in about the same proportions that have characterized their trade for the last few weeks.

Cotton goods were quoted in New York last week as follows:

Brown drills, std.... At value..

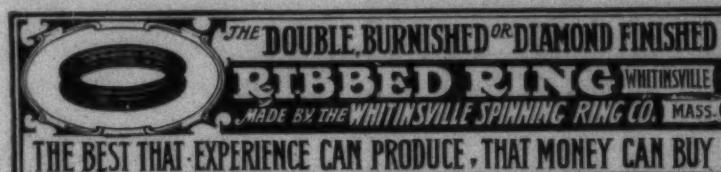
Sheetings, So. std....	At value..
3-yard, 48x48s	At value..
4-yard, 56x60s	At value..
4-yards, 48x48s	At value..
5-yard, 48x48s	At value..
Denims, 9-oz.	At value..
Denims, 2-20s	21
Seikirk, 8-oz. duck	24
Oliver, extra, 8-oz.	24
Tallassee, 8-oz.	2
Hartford, 8-oz.	22
Woodberry, said d'k.. List	..
Mt. Vernon, wide d'k..	5
Alexander, oz. duck..	17
Ticking, 8-oz.	At value..
Standard prints	At value..
Dress ginghams	At value..
Kid finished camb'c.	At value..

## TAPE DRIVES

Our tapes are endorsed by machinery experts

They know their quality and they know their scientific structure. Exhaustive trials by practically all machinery makers have demonstrated that they have no superior. Write us.

**BARBER MANUF'NG CO., Lowell, Mass.**  
SPINNING TAPE SPECIALISTS



## Our Spinning Rings

SINGLE OR DOUBLE FLANGE

START EASIEST, RUN SMOOTHEST, WEAR LONGEST

**Pawtucket Spinning Ring Co.**

CENTRAL FALLS, R. I.

## St. Onge Adjustable Grid Bar

Removes 25% more dirt without loss of stock  
Plain bars or pin bars furnished

**BROWN-ST. ONGE COMPANY**

Providence, R. I.

A. ST. ONGE, President

CHARLOTTE, N. C.



## HOLDS THE FIBRE ON THE YARN

When you use SIZOL you will notice that it is clean under the loom. SIZOL prevents shedding and also makes the warps stronger and more pliable.

Sizings

Softeners

Finishings

**THE SEYDEL MFG. COMPANY**  
JERSEY CITY, N. J.

S. C. THOMAS,  
Spartanburg, S. C.

GEORGE WITHERSPOON,  
Mount Olive, N. C.

LOOM-LUBRIK

TWISTER RING GREASE  
MYCO GREASE SIZE

NON-FLUID OIL

MASURY-YOUNG COMPANY

60 Years in Business

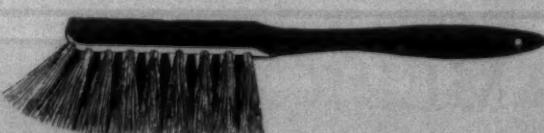
BOSTON, MASS.

Disinfectants, Apron Oil, Greases, etc.



## CLEAN WITH FELTON'S

FELTON'S BRUSHES ARE NOTED FOR LONG WEAR



**FELCO**

S. A. FELTON & SON CO.  
MANCHESTER, N. H.

D. D. FELTON BRUSH CO.

ATLANTA, GEORGIA

# The Yarn Market

Philadelphia, Pa.—There was some improvement in the demand for yarns last week and both weavers and knitters took fairly large quantities. Inquiries were more plentiful than they have been for some time. Sales of from 50,000 to 100,000 pounds were made to knitters and weavers to supply their immediate needs. Buyers are still very conservative and not inclined to buy in anticipation of their probable needs.

The demand for carded yarn on cones improved last week and some good sales were made. Prices on 16s and finer went higher toward the close of the week. Some spinners do not care to sell for delivery later than June and July and refused to quote on August delivery. Coarse numbers up to 16s sold on the basis of 34 1-2 to 36 1-2 cents for 10s. Sales of 26s were made for 43 to 44 1-2 cents. A sale of 30,000 pounds of 16s cones was made for 37 1-2 cents. A sale of 18s was reported at 4 1-2 cents.

There is a good demand for single combed yarn for Government work. Aside for that the demand for single combed was not very brisk but dealers are sure that the demand will increase as the season advances. The present demand for two-ply combed in the gray is small. Some dealers who have considerable quantities of two-ply on hand are tired of holding it and are selling it for quick deliveries at rather low prices. Spinners who are well sold up are confident that prices on two-ply combed yarns will be higher than even before by the first of September.

There was a good demand for carded weaving yarns last week and prices advanced again. Weavers are filling in their needs from day to day so that the spot demand is fairly active, while buying for future deliveries is slow. Khaki dyed yarns and other yarns for weaving for government needs are in brisk demand and are getting scarce for quick delivery.

Southern Single Skeins.			
1s.	32	—	20s. 37 1/2
6s.	32	—	22s. 38 1/2
8s.	32 1/2	—	24s. 41 —
10s.	32	—	26s. 42 —
12s.	34	—	30s. 44 —
14s.	34 1/2	—	40s. 58 —
16s.	35	—	—
Southern Two-Ply Skeins.			
4s.	33	—	24s. 39 1/2
6s.	33	—	26s. 42 —
8s.	33	—	30s. 45 1/2
10s.	34	—	36s. 53 —
12s.	34 1/2	—	40s. 58 —
14s.	35	—	50s. 75 —
16s.	36	—	60s. 82 —
20s.	38	—	—
Southern Single Chain Warps.			
8s.	33	—	22s. 39 1/2
10s.	33 1/2	—	24s. 40 —
12s.	34	—	26s. 42 —
14s.	35	—	30s. 44 —
16s.	36	—	40s. 58 —
20s.	38	—	50s. 75 —
Southern Two-Ply Chain Warps.			
8s.	33	—	24s. 42 —
10s.	34	—	26s. 43 —
12s.	34 1/2	—	30s. 45 —
14s.	36	—	40s. 57 —
16s.	37	—	50s. 75 —
20s.	38	—	60 —
Southern Frame Spun Yarn on Cone.			
6s.	36	—	22s. 39 —
8s.	36	—	24s. —
12s.	37 1/2	—	26s. 42 —
14s.	38	—	30s. 45 —

16s.	39	—	40s. 57	—
18s.	41 1/2	—	22s colors 43	44
20s.	42	—	—	—
	Combed Peeler Cones			
8s.	53 1/2	—	24s. 59	—
10s.	53 1/2	—	26s. 60	—
12s.	54 1/2	—	28s. 61	—
14s.	55 1/2	—	30s. 64	—
16s.	56 1/2	—	32s. 68	—
18s.	57	—	34s. 70	—
20s.	57 1/2	—	36s. 72	—
22s.	58	—	40s. 72	—

## A. M. Law & Co.

Spartanburg, S. C.

### BROKERS

Dealers in Mill Stocks and other Southern Securities

SOUTHERN COTTON MILL STOCKS.		
	Bid	Asked
Abbeville Cot. Mills, S. C.	109	—
American Spinning Co., S. C.	130	—
Anderson Cot. Mill, S. C.	22	25
Aragon Mills, S. C.	96	100
Arcadia Mills, S. C.	114	—
Arkwright Mills, S. C.	115	125
Augusta Factory, Ga.	30	35
Avondale Mills, Ala.	125	135
Beltown Cotton Mills, S. C.	108	112
Brandon Mills, S. C.	75	80
Brogan Mills, S. C.	45	50
Calhoun Mills, S. C.	92 1/2	100
Carron Mfg. Co., N. C.	175	—
Chiquita Mills, S. C.	130	—
Clifton Mfg. Co., S. C.	100	103
Clyton Cotton Mills, S. C.	117	—
Courtenay Mfg. Co., S. C.	100	103
Columbus Mfg. Co., Ga.	101	105
Cheesee Mills, S. C.	112	116
D. E. Converse Co., S. C.	80	85
Dallas Mfg. Co., Ala.	105	—
Darlington Mfg. Co., S. C.	65	75
Drayton Mills, S. C.	15	—
Dunean Mills, S. C.	—	46
Eagle & Phenix Mills, Ga.	99	102
Easley Cotton Mills, S. C.	199	—
Enterprise Mfg. Co., Ga.	35	—
Exposition Cotton Mills, Ga.	173	—
Gaffney Mfg. Co., S. C.	72	75
Glenwood Mills, S. C.	95	101
Glenn-Lowry Mfg. Co., S. C.	—	—
Glenn-Lowry Mfg. Co., pfd.	—	75
Gluck Mills, S. C.	95	100
Graniteville Mfg. Co., S. C.	59	—
Greenwood C. Mills, S. C.	100	—
Grendel Mills, S. C.	145	—
Hamrick Mills, S. C.	130	—
Inman Mills, S. C.	110	115
Inman Mills, S. C., pfd.	98	101
Jackson Mills, S. C.	120	125
Judson Mills, S. C.	97	100
King, John F. Mfg. Co., Ga.	89	93
Lancaster C. Mills, S. C.	150	—
Langley Mfg. Co., S. C., pfd.	—	100
Laurens Cotton Mills, S. C.	110	—
Limestone Cot. Mills, S. C.	130	—
Lockhart Mills, S. C.	60	75
Loray Mills, N. C., com.	20	—
Loray Mills, N. C., 1st pfd.	—	102
Marlboro Mills, S. C.	100	—
Marion Mfg. Co., N. C.	127	131
Mills Mfg. Co., S. C.	100	110
Mollohon Mfg. Co., S. C.	95	—
Monarch Cotton Mills, S. C.	150	—
Newberry Cotton Mills, S. C.	140	145
Ninety-Six Mills, S. C.	220	—
Norris Cotton Mills, S. C.	110	—
Oconee Mills, common	85	—
Orr Cotton Mills, S. C.	98	101
Pacolet Mfg. Co., S. C.	100	103
Pacolet Mfg. Co., S. C., pfd.	100	—
Pelzer Mfg. Co., S. C.	100	105
Pickens Cotton Mills, S. C.	117	125
Piedmont Mfg. Co., S. C.	160	—
Poe, F. W. Mfg. Co., S. C.	120	123
Riverside Mills, S. C., pfd.	98	—
Roanoke Mills, N. C.	—	—
Saxon Mills, S. C.	120	125
Sibley Mfg. Co., Ga.	50	—
Spartan Mills, S. C.	135	140
Toxaway Mills, S. C.	—	—
Tucapan Mills, S. C.	270	300
Union-Buffalo Mills, 1st pfd.	76	80
Union-Buffalo Mills, 2d pfd.	7 1/2	9
Victor Monaghan M. Co., pfd.	95	100
Victor-Monaghan Co., pfd.	89	95
Victor-Monaghan Co., com.	44	47
Ware Shoals Mfg. Co., S. C.	90	100
Warren Mfg. Co., S. C.	62	—
Warren Mfg. Co., S. C., pfd.	—	—
Watts Mills, S. C.	10	—
Whitney Mfg. Co., S. C.	110	125
Williamston Mills, S. C.	—	106
Wiscasset Cot. Mills, N. C.	—	—
Woodruff Cotton Mills, S. C.	116	125
Hartsville C. Mills, S. C.	175	250
Henrietta Mills, N. C.	184	—

## MACHINERY SPECIALTIES

LINKING WARPERS  
BALLING ATTACHMENTS  
WARP SUPPLIES  
COCKER MACHINE AND FOUNDRY CO.

MACHINERY DEPARTMENT  
GASTONIA, N. C.

## WILLIAMSBURG CHEMICAL CO., Inc.

MANUFACTURERS OF

## SULPHUR BLACK

6% Standing Bath

200 Morgan Avenue

BROOKLYN, N. Y.

Over 200 Representative Mills of the South are Equipped with our Apparatus

## OXY-ACETYLENE WELDING AND CUTTING APPARATUS

Compressed Oxygen—99.5% Pure

Completely Equipped Job Welding Shops at Atlanta and Charlotte

Write us for information

BIRD-WILCOX COMPANY, Inc.

ATLANTA CHATTANOOGA

CHARLOTTE

SAVANNAH

# Starch

GOOD WEAVING DEPENDS ON GOOD SIZING

We make special starches adapted to every requirement of cotton manufacture. Let us show you how to improve your process by the use of starch which is adapted to your particular work.

For full information address

Corn Products Refining Co.,

New York City

SOUTHERN OFFICE

Greenville, South Carolina.

# Starch

**Knitters Wanted.**

Wanted—Knitters, ribber and looper hands; also menders and inspectors. Will want some good help to learn. Work is light, mill is clean and bright, on car line, close to town. Address Bela N. Barnes, Supt. Charlotte Knitting Company, Charlotte, N. C.

**Filling Quills Wanted.**

Want a few 7 inch filling quills for No. 2 Draper spindles. Want metal tip quills for plain looms.

W. P. Lovitt, Supt.,  
Kellebrew Mfg. Co.,  
Newton, Ala.

**Want Night Superintendent.**

Wanted: A man familiar with carding, spinning and weaving for superintendent at night. Address W. W. Arnold, Jr., Supt. Manchester Cotton Mills, Manchester, Ga.

**Knitting Fixer.**

Wanted—Good knitting man to fix ribbers and run a room of 92 machines. Pay \$18 per week for five nights. Address W. E. Fearington, Supt. Holt-Williamson Mfg. Co., Fayetteville, N. C.

**Carding and Spinning Help.**

You that are looking for a healthy place to live apply to G. A. Lay, Supt. Capitola Mfg. Co., Marshall, N. C. He is needing carding and spinning room help, pay spinners 15c per side, speeder hands 8 1-2c per hank on 5 1-4 hank roving.

**Want Overseer of Carding and Spinning.**

Want overseer of carding and spinning for small yarn mill. Want man familiar with help situation in Eastern North Carolina. Address Eastern C. & S., care Southern Textile Bulletin.

**Packing Room Overseer.**

Wanted—A young man to take charge of packing room in cordage and twine mill, who is familiar with Universal Winders and Ballers, capable of handling help. A first class chance for the proper party. In replying give all information regarding age, reference, etc. Address January & Wood Co., Maysville, Ky.

**PATENTS**  
Trade Marks and Copyrights

Difficult and rejected cases specially solicited. No misleading inducements made to secure business. Over thirty years active practice. Experienced, personal, conscientious service.

Write for terms. Address

**SIGGERS & SIGGERS**

*Patent Lawyers*

Suite 34 N. U. Washington, D. C.

**PERSONAL ITEMS**

W. F. Blackmer has succeeded F. J. Murdock as secretary of the Marsh Cotton Mills, Salisbury, N. C.

T. H. Fairchild, superintendent of the Jonesboro (Tenn.) Yarn Mills was in Charlotte on business this week.

J. A. Moore, manager of the Patterson Mills Company, Roanoke Rapids, N. C., has been elected president of that company.

J. Lee Cline is now superintendent of J. A. Cline & Sons, formerly Waldensian Hosiery Mills No. 2, at Hildebran, N. C.

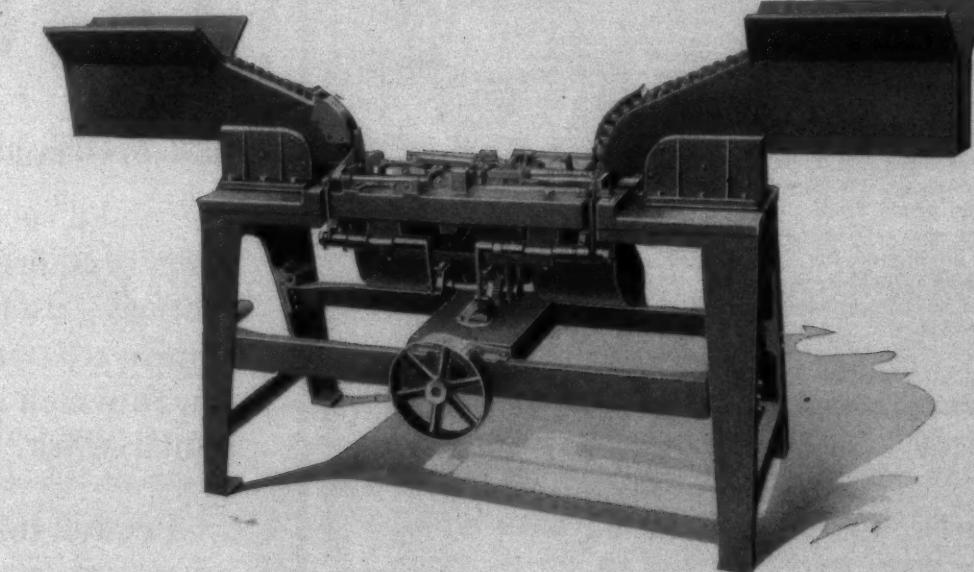
M. G. Strickland has succeeded C. B. Maxfield as superintendent of the Bowling-Emory Knitting Company, Durham, N. C.

R. R. Bellamy, treasurer of the Delgado Mills, Wilmington, N. C., has succeeded E. C. Holt as president of that mill.

F. L. Robbins has resigned as superintendent of the Sayona Mfg. Co. of Charlotte, N. C., to become manager of the Matoaca Mills, near Petersburg, Va.

**Stafford Company Office.**

D. C. Dunn and D. L. Mackey, the recently appointed selling agents of the Stafford Company, Readville, Mass., have opened offices at 4116 and 4118 Independence Building, Charlotte, N. C.



It cleans 80,000 Quills per day, without damage  
Only two operators necessary Separates Quills and Waste  
98 per cent. Cleaning Efficiency

*Full and complete information cheerfully furnished  
Write quick if you want prompt shipment*

**THE TERRELL MACHINE COMPANY**

CHARLOTTE, N. C.

**SCOTCH SIZE OR KLEISTER**

This is an old preparation well known to the majority of cotton manufacturers on account of the general satisfaction it has always given. It is very soluble in water and combines readily with any starch. This size comes in the form of a gum or paste and is especially valuable where drop wires are used to reduce shedding. It also attracts moisture, thereby strengthening the yarn. Should use Raw Tallow, Soluble Tallow or Soluble Oil with it. Write for formula.

**ARABOL MANUFACTURING COMPANY**

100 William Street, New York

CAMERON MacRAE Southern Sales Agent CHARLOTTE, N. C.

THE MARK OF STERLING  
VALUE IN ELECTRICAL  
WORK



HUNTINGTON & GUERRY  
GREENVILLE, S. C.

**Better Mill Villages****Complete Planning Service**

Landscape Development  
Sewage Disposal  
Water Supply

Engineering Work  
House Architecture  
Supervision of Construction

**E. S. DRAPER**

Landscape Architect

CHARLOTTE, N. C.

506 Trust Building

**L. GRANDIN CROSSMAN  
ATTORNEY**

WASHINGTON, D. C.

Practice before United States Supreme Court, United States Court of Claims, Court of Appeals, District Supreme Court, Executive Departments, United States Court Customs Appeals, Congressional Committees, Federal Reserve Board, Federal Trade Commission, Interstate Commerce, Patents and Trade-Marks, Modern Collection Facilities.

**CHEMICALS AND OILS**

**SPECIAL OFFERING**

QUICITRON BARK EXTRACT  
FUSTIC EXTRACT

Direct and Sulphur Colors  
Chloride of Lime

Cotton Softners  
Soda Ash

**A. E. RATNER & COMPANY, Inc.**  
57-61 Pearl Street

NEW YORK

**Says a 50,000 Spindle Mill**

"We gave all our leather top rolls two coats of DUREX TOP ROLL VARNISH and it is proving satisfactory. It has cut our roller covering bill."

TOP ROLL VARNISH COMPANY

Box 31

CROMPTON, R. I.

**ATLANTIC DYESTUFF COMPANY**

BOSTON, MASS.

MANUFACTURERS OF

**ULPHUR BLACK**

BLUE SHADE

**Direct Blue B**  
**Direct Blue 2B**

**Chrysamine**  
**Alizarine Yellow**

AGENTS

DICKS, DAVID &amp; BROADFOOT, Inc.

NEW YORK

302 Broadway  
Manufacturers of  
METHYL VIOLET

Factory  
NEWARK, N. J.

Wm. A. PARSONS, President and Treasurer

JOHN M. BARR, Vice-President

**THE PARSONS-BARR COMPANY**

DYESTUFFS AND CHEMICALS

113 LATTA ARCADE BUILDING  
CHARLOTTE, N. C.

SOUTHERN SALES AGENTS OF  
**Federal Dyestuff and Chemical Corporation**  
KINGSPORT, TENN.

SULPHUR BLACKS  
SULPHUR BLUES  
SULPHUR BROWNS  
AND ALL OTHER HEAVY CHEMICALS

CAUSTIC SODA  
BLUESTONE  
BI-CROMATE OF SODA

INQUIRIES SOLICITED

**Want Department**

**Want Advertisements.**

If you are needing men for any position or have second hand machinery, etc., to sell the want columns of the Southern Textile Bulletin affords the best medium for advertising the fact.

Advertisements placed with us reach all the mills and show results.

**Employment Bureau.**

The fee for joining our employment bureau for three months is \$2.00 which will also cover the cost of carrying a small advertisement for one month.

If the applicant is a subscriber to the Southern Textile Bulletin and his subscription is paid up to the date of his joining the employment bureau the above fee is only \$1.00.

During the three months' membership we send the applicant notices of all vacancies in the position which he desires.

We do not guarantee to place every man who joins our employment bureau, but we do give them the best service of any employment bureau connected with the Southern textile industry.

**Duck Weavers Wanted.**

Duck weavers wanted. Pay \$2.50 per day. Come to Beverly Cotton Mills, Middleton, Ga.

**Card Hands and Spinners.**

We can use a few card room hands, also spinners and reelers at good prices. Work runs well. Lavonia Cotton Mills, Lavonia, Ga.

**Operatives Wanted.**

Wanted for mills now starting at Tarboro, N. C., families containing spinners, spoolers, winders and doffers, also a few slubber and speeder hands. Plenty of good houses, free graded schools, churches of all denominations. Letters from above named help will receive prompt attention. Write to T. A. Shipp Supt., Tarboro, N. C.

**Operatives Wanted.**

Wanted—A few good families, mostly spinners, doffers in cloth mill on 30s to 40s yarns. Good wages. Locality, water, schools and churches all good. Apply to T. A. Sizemore, Supt., Greenville, S. C.

**WANTED — A FEW GOOD FRAME HANDS ALL NEW FRAMES AND BEST RUNNING WORK IN THE COUNTRY. GOOD PLACE TO LIVE AND GOOD FRAME HANDS MAKE FROM \$12.00 TO \$14.00 PER WEEK. PAY EVERY SATURDAY. APPLY IN PERSON OR WRITE S. G. DOVER, SUPT., KERSHAW COTTON MILLS, KERSHAW, S. C.**

**Help Wanted.**

We can furnish regular work to several good families, Card room, spinning room, and weave room help. Good healthy place to live, good wages, free house rent. For further information apply to Enoree Mills, Enoree, S. C.

**BALDWIN COTTON MILLS, MILL NO. 2.**

Absolutely new Yarn Mill as good as it is possible to build. New and attractive cottages, electric lights in every room and on streets, splendid city water at every house. Day run 56½ hours per week, beginning at 6 o'clock and stopping at 4:30. Night run 53½ hours per week, beginning 4:30 in afternoon and stopping 3 o'clock in the morning, thus giving all night help plenty of time for sleep before dinner.

Work attractive and wages high. Good graded schools churches, handsome community house and many other advantages.

Can use good families and boarders.

BALDWIN COTTON MILLS,  
Chester, S. C.

**HELP WANTED**

Indianapolis is conceded to be the finest city on the American Continent. It has the largest public market in the United States, which with other utilities make it the most desirable working man's city in the country. We can use one A No. 1 card grinder at \$14.00, also two card tenders at \$12.00 and two fly frame hands, who can make over \$12.00 in 57 hours. None but those steady and very reliable need apply. We do not advance transportation.

**Indianapolis Bleaching Company**

Indianapolis, Indiana

WANT position as superintendent or manager. Have had long practical experience and have been superintendent of successful mill. Can furnish fine references. Address No. 1880.

WANT position as overseer of weaving or as salesman for sizing or chemical house. Have had long practical experience and have also had three years at road experience and made good as salesman. Can furnish fine references. Address No. 1881.

WANT position as superintendent and would prefer hosiery yarn mill. Have had long experience as superintendent and overseer of carding and can furnish very high grade references. Address No. 1882.

WANT position as superintendent or overseer of carding. Have had long experience and am considered a first class carder and comber man. Am now employed and can furnish high class references. Address No. 1883.

WANT position as superintendent or as carder and spinner. Have experience and ability and am now employed but wish to change to a healthier location. Good references. Address No. 1884.

WANT position as superintendent or as carder and spinner. Have had long practical experience with special experience in card room and am a good manager of help. Am employed as superintendent but wish to change to healthier location. Graduate of I. C. S. School. Address No. 1886.

WANT position as superintendent overseer of weaving or traveling salesman. Have had experience in all three position and can furnish high class references. Address No. 1885.

WANT position as superintendent or as carder and spinner. Am a practical mill man experienced in all classes of mill work and am a good manager of help. Can furnish first class references both as No. 1887.

WANT position as superintendent or overseer of weaving in large mill. Experienced on both plain and colored work and am now employed as overseer of one of the largest weave rooms in the South, but prefer to change. Address No. 1888.

WANT position as carder and spinner or both or superintendent of small yarn mill. Am now employed and have had long practical experience and can get results. Good references. Address No. 1889.

WANT position as carder and spinner or overseer of weaving. Have had long practical experience in all three positions and am experienced on both white and colored goods. Can furnish high class references. Address No. 1890.

WANT position as superintendent. Am now employed and am an all round thoroughly practical man

with long experience, textile education, good habits and best of references. Both plain, fancy and colored goods. Can fill position as local manager where combination man is wanted. Address No. 1891.

WANT position as superintendent. Have had 16 years experience as superintendent in successful mills in Alabama and can furnish satisfactory references as to character and ability. Address No. 1892.

WANT position as superintendent. Have had long experience, especially on fine yarns and am now employed and giving entire satisfaction, but for good reasons prefer to change. Fine references. Address 1893.

WANT position as superintendent. Have had long practical experience and held last position as superintendent for 3 years. Have special experience as superintendent of yarn mill. Address No. 1896.

WANT position as overseer of weaving. Now employed but desire to change. Married men, with family, strictly sober, age 32, good manager of help and can get results. Address 1898.

WANT position as superintendent or overseer of spinning. Am a practical man, 40 years old, married and strictly sober. Experienced on both white and colored goods. Have a family of mill hands. Good references. Address No. 1899.

WANT position as superintendent or overseer of large weave room. Have long experience in both positions and can furnish fine references. Address 1902.

WANT position as superintendent or overseer of carding at not less than \$5.00 per day. Am now overseer of large carding and spinning room and giving satisfaction. Age 46, 20 years experience as carder and spinner. Address 1904.

WANT position as superintendent of yarn mill or carder and spinner in large mill. Am experienced on both hosiery and hard yarns and can run large card room successfully. Have 8 years experience as carder and spinner and two years as superintendent. Now employed but would like to change. Address No. 1905.

WANT position as superintendent of small yarn or weaving mill. Would accept overseer of spinning in a large mill that pays not less than \$4.00. First class references as to character and ability. Address No. 1908.

WANT position as overseer of spinning. Have had long practical experience and am now employed, but for good reasons desire to change. Can furnish first class references. Address No. 1909.

WANT position as superintendent or overseer of weaving. Have been overseer of weaving and assistant superintendent on present job 12 years. Can furnish good references. Address No. 1910.

Direct Colors  
Basic Colors  
Sulphur Colors

Chas. H. Stone  
Southern Representative  
Realty Bldg Charlotte, N.C.

W. BECKERS ANILINE AND CHEMICAL WORKS, Inc.



Acid Colors  
Mordant Colors  
Special Colors

General Offices and Works  
Brooklyn, New York

## J. K. LIVINGSTON & CO. COTTON MERCHANTS CHARLOTTE, N. C.

"STAPLE COTTON A SPECIALTY"

### "THE PROBLEM OF LOCATION" "YOUR PROBLEM."

In selecting a location for your plant you should keep in mind that proximity to raw material, proximity to markets, transportation facilities, low cost of power, abundance of labor, efficiency of labor and economical living conditions for that labor are the sine qua non of success.

The Seaboard Air Line Railway Company will place at your disposal, without cost, a man who will personally help solve your problem and call to your attention the most advantageous locations.

### SEABOARD AIR LINE RAILWAY

"The Progressive Railway of the South"  
Norfolk, Virginia

For further particulars address:  
B. L. HAMNER  
General Development Agent  
Norfolk, Va.

## BETTER PRODUCTION AND BETTER CLOTH

### MONAGHAN MILLS Monaghan Plant

Greenville, S. C., July 8, 1916.

Steel Heddle Mfg. Co.  
Philadelphia, Pa.

Gentlemen:—

During my connection as Superintendent, formerly of the Greer Plant and now of the Monaghan Plant, I have used your "DUPLEX" FLAT STEEL HEDDLES on a large variety of fabrics ranging from two shades on 80x80 up to several harness on fancy weaves, and your heddles gave us better satisfaction than any other loom harness we could get.

NO THREAD EVER CUTS THROUGH YOUR HARNESS-EYE, which consequently means BETTER CLOTH AND BETTER PRODUCTION.

Yours very truly,

J. N. BADGER, Supt.

Because it means to the mills "BETTER PRODUCTION AND BETTER CLOTH", a larger variety of fabrics in cotton, silk, wool, jute and linen are woven with our FLAT STEEL HEDDLES than with any other type of loom-harness made.

We also make DROP WIRES and HARNESS FRAMES

STEEL HEDDLE MFG. CO.  
2100 W. Allegheny Ave., PHILADELPHIA, PA.

Southern Agent, HAMPTON SMITH, Greenville, S. C.

NO THREAD EVER CUTS THROUGH THE HARNESS EYE

## CLASSIFIED LIST OF ADVERTISERS

**BALING PRESSES**—  
Boomer and Boschert Press Co.  
Saco-Lowell Shops.  
**BANDING**—  
American Textile Banding Co., Inc.  
**BEAMERS**—  
T. C. Entwistle Co.  
Saco-Lowell Shops.  
**BELTING**—  
American Supply Co.  
Bradford Belting Co.  
Charlotte Leather Belting Co.  
Cotton States Belting & Supply Co.  
Link-Belt Company.  
**BOBBINS AND SPOOLS**—  
American Supply Co.  
Draper Corporation  
**BOILER HOUSE CONVEYORS**—  
Link-Belt Company.  
**BRUSHES**—  
D. D. Felton Brush Co.  
**CAMS**—  
Clinton Cam Co.  
**CARD CLOTHING**—  
Ashworth Bros.  
Jos. Sykes Bros.  
Saco-Lowell Shops.  
**CARDS**—  
Saco-Lowell Shops.  
**CARD GRINDERS**—  
T. C. Entwistle Co.  
**CHAIN DRIVES, SILENT**—  
Morse Chain Co.  
**CLOTH ROOM MACHINERY**—  
Saco-Lowell Shops.  
**COAL AND ASHES CARRIERS**—  
Link-Belt Company.  
**COMPRESSORS (AIR)**—  
General Electric Company  
**COTTON MERCHANTS**—  
J. K. Livingston & Co.  
**DISINFECTANTS**—  
Masury Young Co.  
**DOBBIES**—  
Crompton & Knowles Loom Works  
The Stafford Company.  
**DOFFING BOXES**—  
Fibre Specialty Mfg. Co.  
Leatheroid Mfg. Co.  
**DOUBLERS**—  
Universal Winding Co.  
Saco-Lowell Shops.  
**DRAWING FRAMES**—  
Saco-Lowell Shops.  
**DRAWING ROLLS**—  
Metallic Drawing Roll Company.  
**DRINKING FOUNTAINS**—  
Pure Sanitary Drinking Fountain Co.  
**DRIVES, SILENT CHAIN**—  
Morse Chain Co.  
**DUSTLESS CARD STRIPPERS**—  
William Firth.  
**DYESTUFFS AND CHEMICALS**—  
Arabol Mfg. Co.  
Bossom & Lane.  
W. Beckers Aniline & Chem. Wks, Inc.  
Dicks, David & Broadfoot  
John P. Marston  
A. Klipstein & Co.  
Marden, Orth & Hastings Co.  
H. A. Metz  
National Aniline and Chemical Co.  
New Brunswick Chemical Co.  
Parsons-Barr Co.  
A. E. Ratner Co., Inc.  
Southern Dyestuffs and Chemical Co.  
Williamsburg Chemical Co.  
**DYEING, DRYING, BLEACHING AND FINISHING MACHINERY**—  
Philadelphia Textile Machinery Co.  
Saco-Lowell Shops.  
C. G. Sargent Sons Corp.  
**ELECTRICAL MACHINERY**—  
General Electric Co.  
Huntington & Gerry.  
Westinghouse Electric & Mfg. Co.  
**ELEVATORS AND CONVEYORS**—  
Link-Belt Company.  
**FIRE HOSE AND FITTINGS**—  
American Supply Co.  
**FLOORING**—  
W. M. Lloyd Co.  
**FLYER PRESSERS**—  
Southern Spindle & Flyer Co.  
**GEARS (SILENT)**—  
General Electric Company  
**GENERATORS**—  
General Electric Co.  
Westinghouse Electric & Mfg. Co.  
**GRID BARS**—  
Brown-St. Onge Co.  
**HEDDLES**—  
Steel Heddle Mfg. Co.  
**HUMIDIFIERS**—  
American Moistening Co.  
Stuart W. Cramer  
Normalair Co.  
G. M. Parks Co.  
**HUMIDIFYING MACHINES**—  
C. G. Sargent Sons Corp.  
**LANDSCAPE ARCHITECT**—  
E. S. Draper.  
**LINESHAFT BOXES**—  
Cotton States Belting & Supply Co.  
**LINK-BELT SILENT CHAIN**—  
Link-Belt Company.

**LOOMS**—  
Crompton & Knowles Loom Works  
Draper Corporation  
Saco-Lowell Shops  
Stafford Company  
**LOOM HARNESS, REEDS, PICKERS**—  
Emmons Loom Harness Co.  
Garland Mfg. Co.  
Steel Heddle Mfg. Co.  
**LOOM LUBRIK**—  
Masury Young Co.  
**LUBRICANTS**—  
Albany Lubricating Co.  
Masury Young Co.  
N. Y. and N. J. Lubricant Co.  
**LUMBER**—  
W. M. Lloyd Co.  
**MECHANICAL FILTERS**—  
Norwood Engineering Co.  
**METERS**—  
General Electric Company.  
Westinghouse Electric & Mfg. Co.  
**MILL CRAYONS**—  
American Supply Co.  
**MILL STOCKS**—  
A. M. Law & Co.  
**MILL SUPPLIES**—  
American Supply Co.  
**MOTORS**—  
General Electric Co.  
Westinghouse Electric & Mfg. Co.  
**NON-FLUID OIL**—  
N. Y. & N. J. Lubricant Co.  
**OPENING MACHINERY**—  
Saco-Lowell Shops.  
**OVERHAULERS**—  
Southern Spindle & Flyer Co.  
**PAINT**—  
Thos. K. Chaffee Co.  
**PICKERS AND LAPERS**—  
Saco-Lowell Shops.  
**POWER TRANSMISSION CHAINS**—  
Morse Chain Co.  
**PREPARATORY MACHINERY**—  
Saco-Lowell Shops.  
**PRESSES**—  
Boomer and Boschert Press Co.  
**PULLEYS**—  
Cotton States Belting & Supply Co.  
**RAILROADS**—  
Southern Railway.  
**RING SPINNING FRAMES**—  
Saco-Lowell Shops.  
**RING TRAVELERS**—  
American Supply Co.  
U. S. Ring Traveler Co.  
**ROLLS**—  
American Supply Co.  
Metallic Drawing Roll Co.  
Saco-Lowell Shops.  
**ROVING CANS AND BOXES**—  
Fibre Specialty Mfg. Co.  
Leatheroid Mfg. Co.  
**ROVING MACHINERY**—  
Saco-Lowell Shops.  
**SADDLES**—  
Dixon Lubricating Saddle Co.  
Graphite Lubricating Co.  
**SEPARATORS**—  
Draper Corporation.  
**SHUTTLES**—  
Draper Corporation.  
Shambow Shuttle Co.  
**SILENT CHAIN DRIVE**—  
Link-Belt Company.  
**SIZING COMPOUNDS**—  
Arabol Mfg. Co.  
Bossom & Lane.  
John P. Marston  
A. Klipstein & Co.  
New Brunswick Chemical Co.  
Seydel Mfg. Co.  
Southern Dyestuff & Chemical Co.  
**SOFTENERS—COTTON**—  
Arabol Mfg. Co.  
Bossom & Lane.  
New Brunswick Chemical Co.  
**SOAPS**—  
Seydel Mfg. Co.  
New Brunswick Chemical Co.  
A. Klipstein & Co.  
Southern Dyestuff & Chemical Co.  
**SPINDLES**—  
Draper Corporation.  
Southern Spindle & Flyer Co.  
**SPINNING RINGS**—  
Draper Corporation.  
Whitinsville Spinning Ring Co.  
**SPINDLE TAPE AND BANDING**—  
American Textile Banding Co.  
**SPOOLED**—  
Draper Corporation.  
Saco-Lowell Shops.  
**STARCH**—  
Corn Products Refining Co.  
Keever Starch Co.  
**STEEL SHAFT HANGERS**—  
Cotton States Belting & Supply Co.  
**TAPE DRIVES**—  
Barber Mfg. Co.  
**TEMPLES**—  
Draper Corporation.  
**TEXTILE MACHINERY SPECIALTIES**—  
Cocker Machine and Foundry Co.  
**TOP ROLL VARNISH**—  
Top Roll Varnish Co.

**TIME CLOCKS**—  
International Time Recording Co.  
**TIME RECORDING DEVICES**—  
International Time Recording Co.  
**TURBINES**—  
General Electric Company.  
Westinghouse Electric & Mfg. Co.  
**TWISTERS**—  
Collins Bros.  
Draper Corporation.  
Saco-Lowell Shops.  
**WARPERS**—  
Cocker Machine and Foundry Company.  
Draper Corporation.  
T. C. Entwistle Co.  
**WARP STOP MOTIONS**—  
Crompton & Knowles Loom Works.  
Draper Corporation.  
The Stafford Co.

**WATER INTAKE SCREENS**—  
Link-Belt Company.  
**WELDING OUTFITS**—  
Bird-Wilcox Co., Inc.  
General Electric Company.  
**WEIGHTING COMPOUNDS**—  
Arabol Mfg. Co.  
Bossom & Lane.  
John P. Marston.  
A. Klipstein & Co.  
H. A. Metz.  
Seydel Mfg. Co.  
Southern Dyestuffs & Chemical Co.  
**WILLOWS**—  
Saco-Lowell Shops.  
**WINDERS**—  
Saco-Lowell Shops.  
Universal Winding Company.

## PROPER LOCATIONS FOR MILLS

United States Census figures show that since 1880 the consumption of cotton in mills of the cotton growing States has increased 1,502 per cent, as compared with an increase of only 93 per cent in all other states. In the twelve months ended August 31, 1916 Southern mills consumed 675,731 more bales of cotton than the mills of all other States. Three-fourths, or 9,000,000, of the total cotton spindles in all the cotton growing States are tributary to Southern Railway tracks. Of the 200 knitting mills in the South over 125 are located along the Southern Railway. All the Southern woolen and silk mills are also on Southern Railway tracks.

There is a reason for this, and it is not difficult to understand.

The Southern Railway Lines enter and serve most completely these portions of the South where the textile industry is the greatest success, because there are found all the conditions which makes for successful manufacture—the proper transportation facilities, the ease with which the raw material and the needed fuel may be secured, the supply of good labor, the pure water, the low cost of power, and favorable local conditions.

Not only for textile plants but for all other industries the best advantages will be found in this territory.

If you have a plant to locate, let us take up with you the question of the proper location. Your plans will be held confidential. Our knowledge of conditions at various points and our experience in locating other mills and the time of our agents in making special investigations are at your service if desired.

M. V. RICHARDS, Commissioner,

Southern Railway System, Room 129, Washington, D. C.

## COTTON WASTE VALUE

## Value of Card Strips Increased

Waste Buyers offer higher prices for Card Strips taken off by the DUSTLESS CARD STRIPPER the only apparatus that separates the dirt from the Card Strips, and leaves them CLEAN and FLUFFY.

## Value of Card Strips Reduced

Card Strips badly matted and "flocked" with the dirt left in are of much less value to the Waste Buyer.

Write for price and particulars of the Dustless Card Stripper.

## WILLIAM FIRTH

200 Devonshire St.

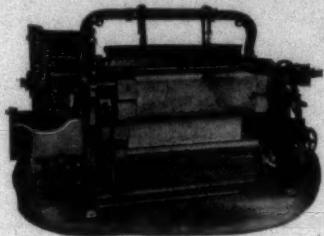
Boston, Mass.

Southern Representative

JOHN HILL, Healey Building, Atlanta, Ga.

## “IDEAL” AUTOMATIC LOOMS

Unsurpassed in Simplicity, Durability and other Desirable Qualities. No special mill supplies required. They make less waste than any other loom.

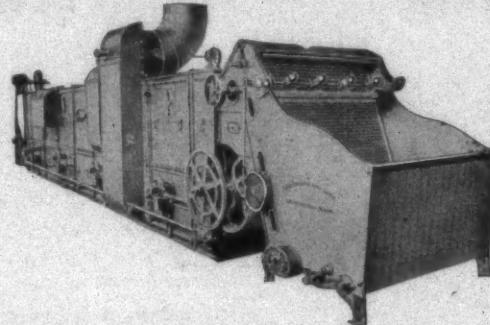


### They Produce Superior Cloth

We invite correspondence and investigation

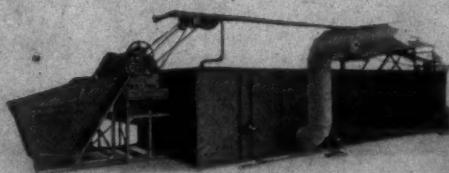
THE STAFFORD COMPANY  
READVILLE, MASS.

*Bradford's Special  
Cone Belts hold  
tight at the laps.  
You ought to try them.  
Write to M. C. Sanders  
at Greenville, S. C.*



Fireproof  
cast iron frame,  
steel and asbestos panelled  
Stock Dryers.  
C. G. Sargent  
Sons Corp.  
Graniteville, Mass.  
Fred H. White  
Southern  
Representative  
Charlotte, N. C.

### “PROCTOR” DRYERS FIREPROOF



Substantial, Durable, and low cost of operation. Dryers for all kinds of Material

The Philadelphia Textile Machinery Company  
BUILDERS OF DRYING MACHINERY

INCORPORATED  
1885

PHILADELPHIA

H. G. MAYER, CHARLOTTE, N. C.  
REPRESENTATIVE

### FOR HOSIERY DYEING USE ZETA BLACK

Fast and Non-bronzing      A Test Will Convince

A. Klipstein & Company  
644-652 Greenwich Street

SOUTHERN OFFICE: CHARLOTTE, N. C.

PAUL F. HADDOCK, Manager

NEW YORK CITY

### Norwood Mechanical Filters

Gravity and Pressure Types

Cleanse Water—Saves Losses—Sold with Guarantee

NORWOOD ENGINEERING COMPANY  
Florence, Mass.

### UNIVERSAL WINDING COMPANY—BOSTON



SHOP LEESONA MARK

We make winding machines for single and ply yarns, cotton, woolen, worsted and silk for weaving and knitting. Ask for circular of the NEW WIND DOUBLER

Southern Office, Charlotte, N. C.  
111 LATTA ARCADE, P. O. Box 983  
FREDERICK JACKSON, Southern Agent

### SOUTHERN DYESTUFF & CHEMICAL CO.

CHARLOTTE, N. C.

Southern Selling Agents

#### NATIONAL GUM & MICA COMPANY

Manufacturers and Importers of

#### WEIGHTING, SOFTENING, FINISHING AND SIZING COMPOUNDS

LOGWOOD EXTRACT      QUERCITRON EXTRACT

SWISS GUM

MIKAH TALLOW

WHITE SOFTENER

GUM L

SIZINGS

FUSTIC

POTATO STARCH

TEXTILE GLUE

Perfect materials at low prices. Special information given free by practical men for Sizing, Weighting, Finishing, and Dyeing of all kinds of goods. If your Finishing is not satisfactory, call on us. We can help you.

Phone 2972.

Office 1203 and 1204 Commercial Bank Building, Charlotte, N. C.